

Program Complot
(Version 2021-1)

by

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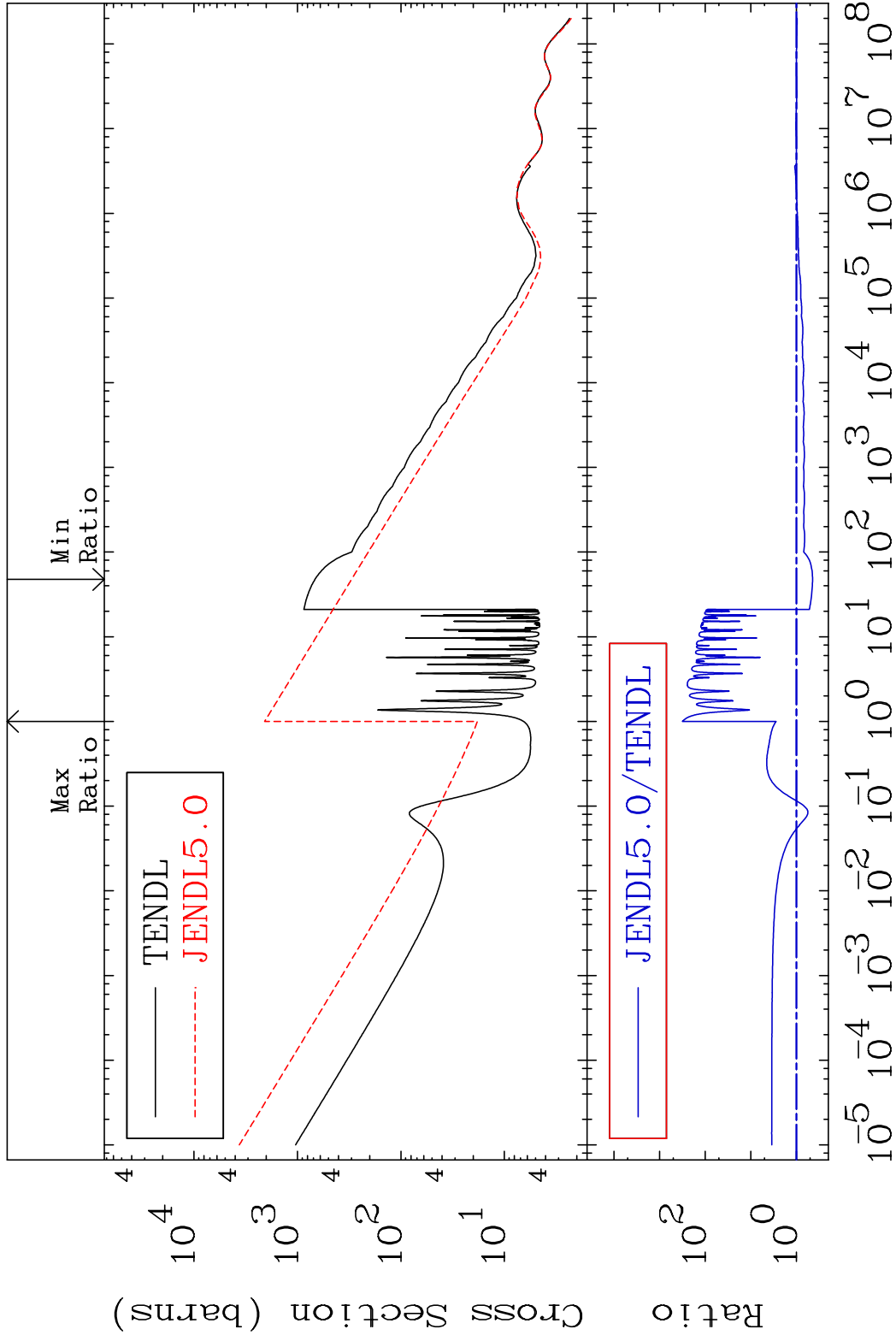
Press Mouse Button to Start

MAT 6316

Total

63-Eu-148

Cross Section -55.63 To 9999. %



1

Incident Energy (eV)

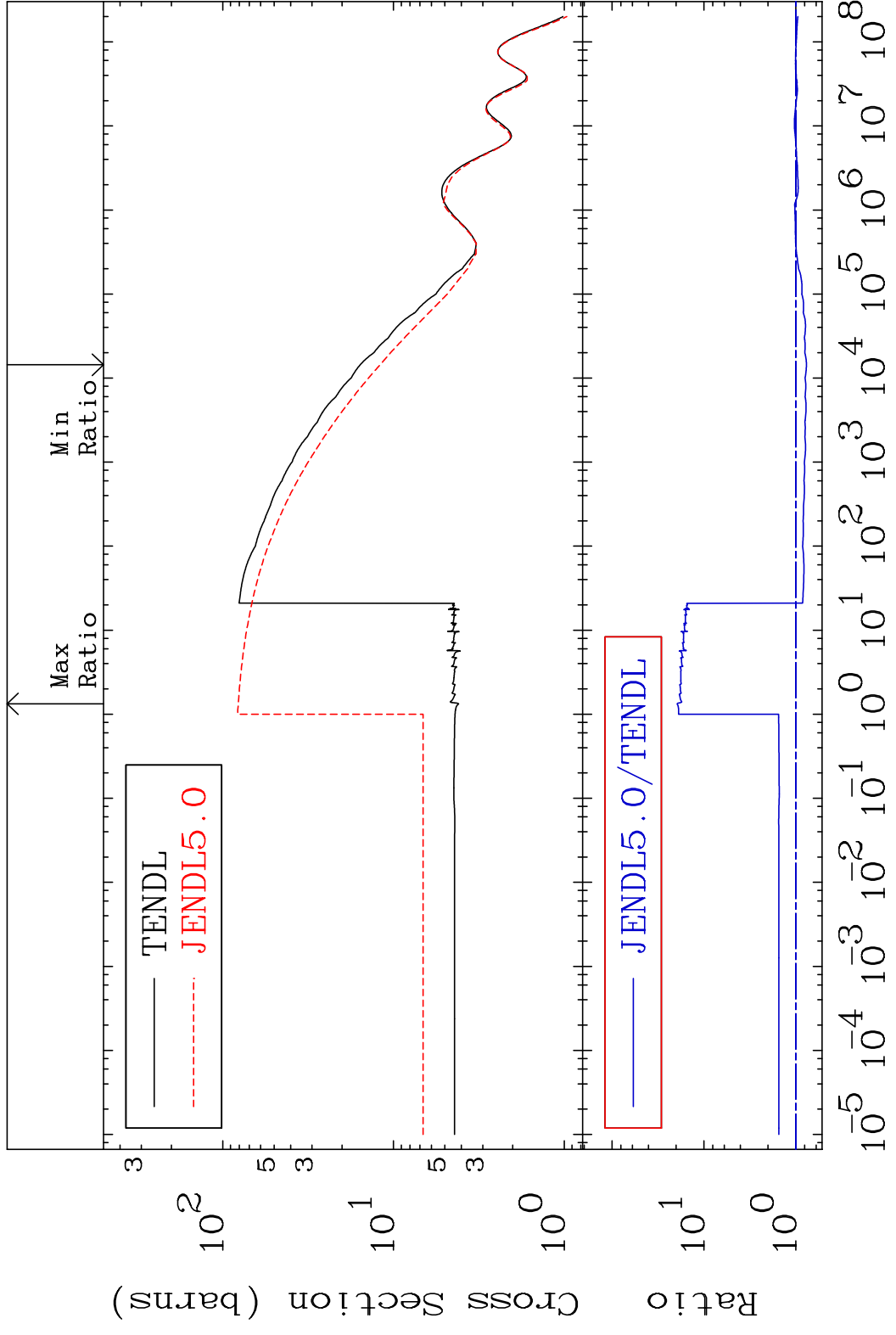
63-Eu-148

MAT 6316

63-Eu-148

Elastic

Cross Section -23.44 To 1850. %

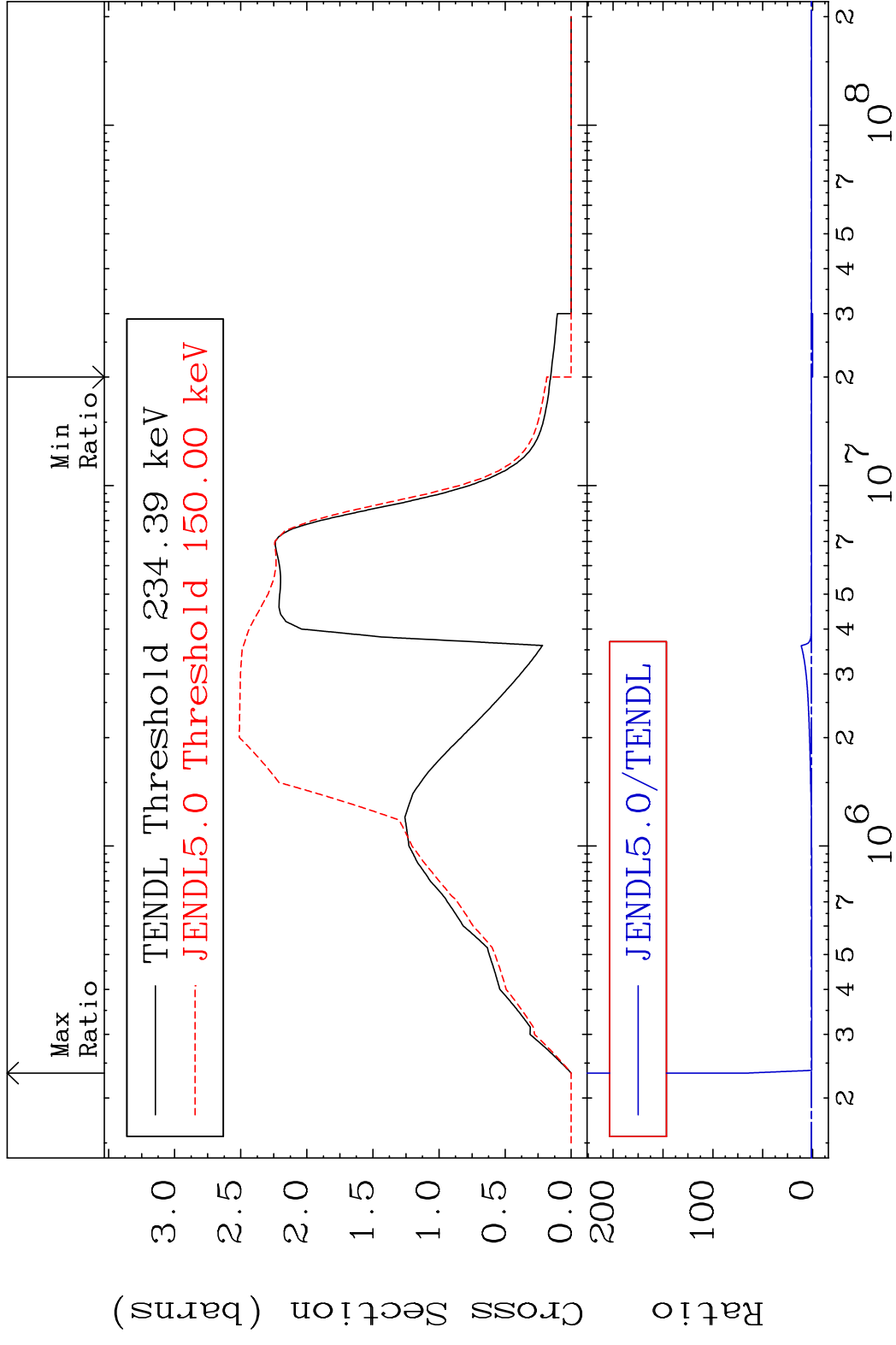


2

Incident Energy (eV)

63-Eu-148

MAT 6316 Inelastic 63-Eu-148
 Cross Section -100.0 To 9999. %

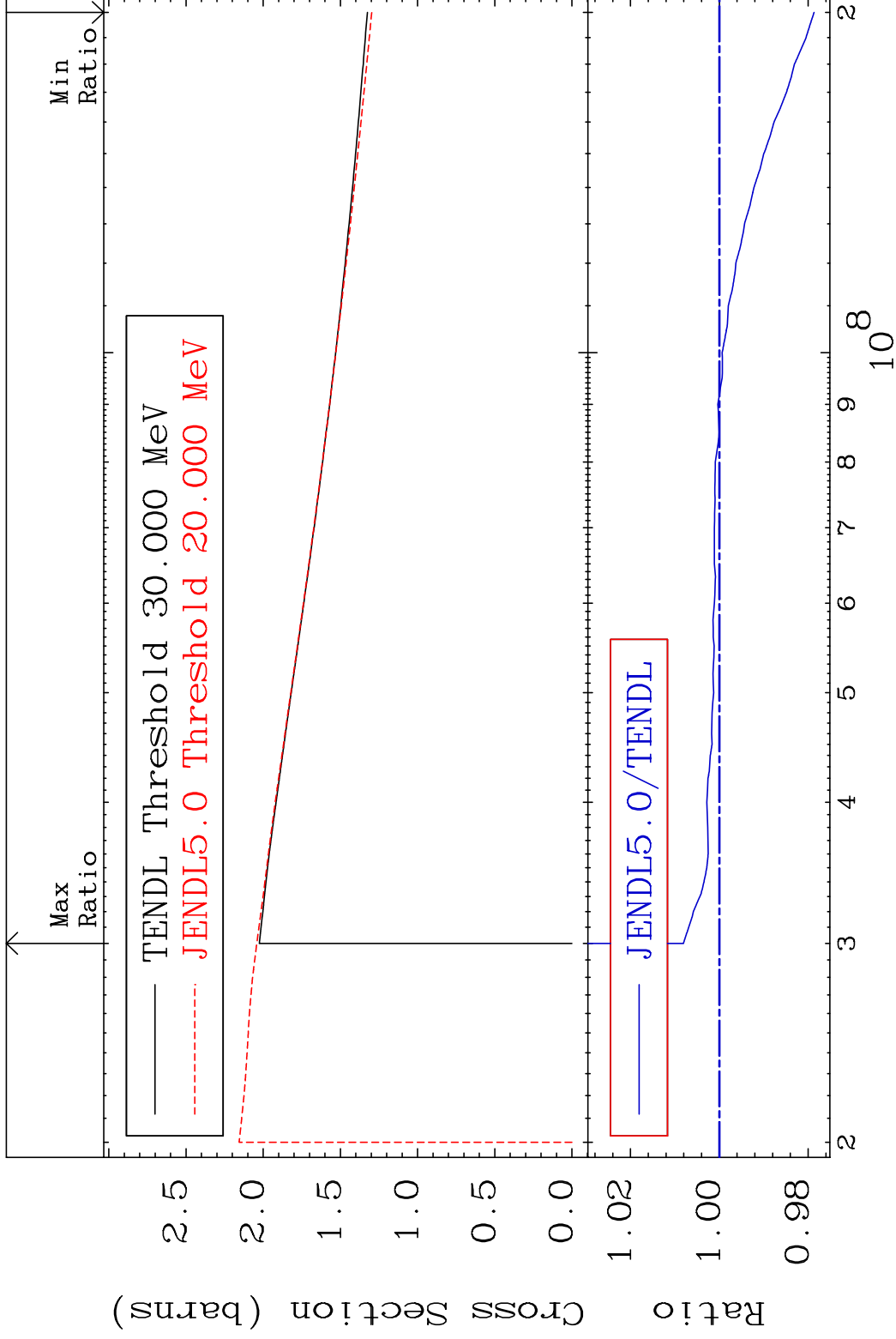


MAT 6316

(n, remainder)

63-Eu-148

Cross Section -2.133 To 0.807 %



4

Incident Energy (eV)

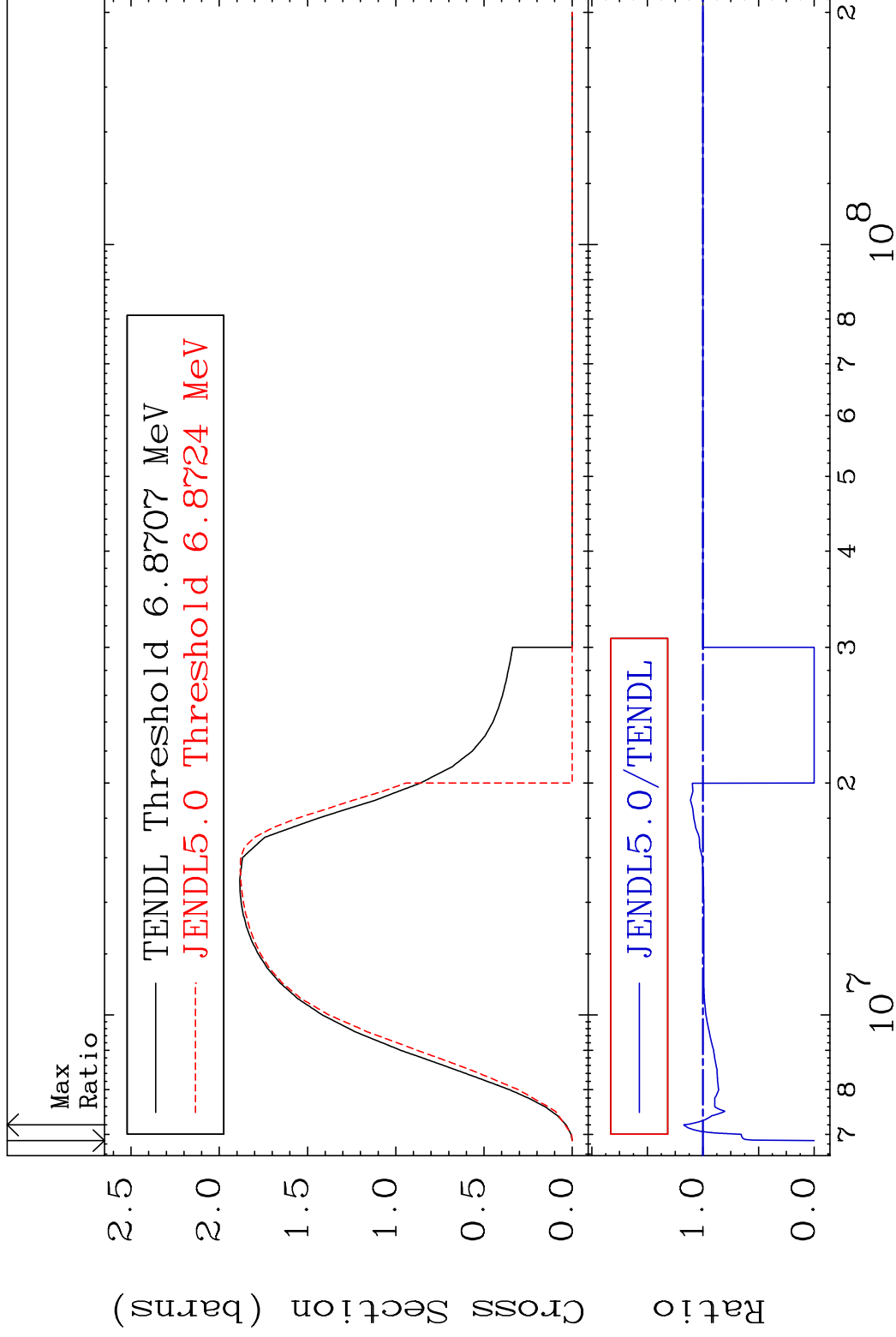
63-Eu-148

MAT 6316

(n,2n)

63-Eu-148

Cross Section -100.0 To 17.36 %



5

Incident Energy (eV)

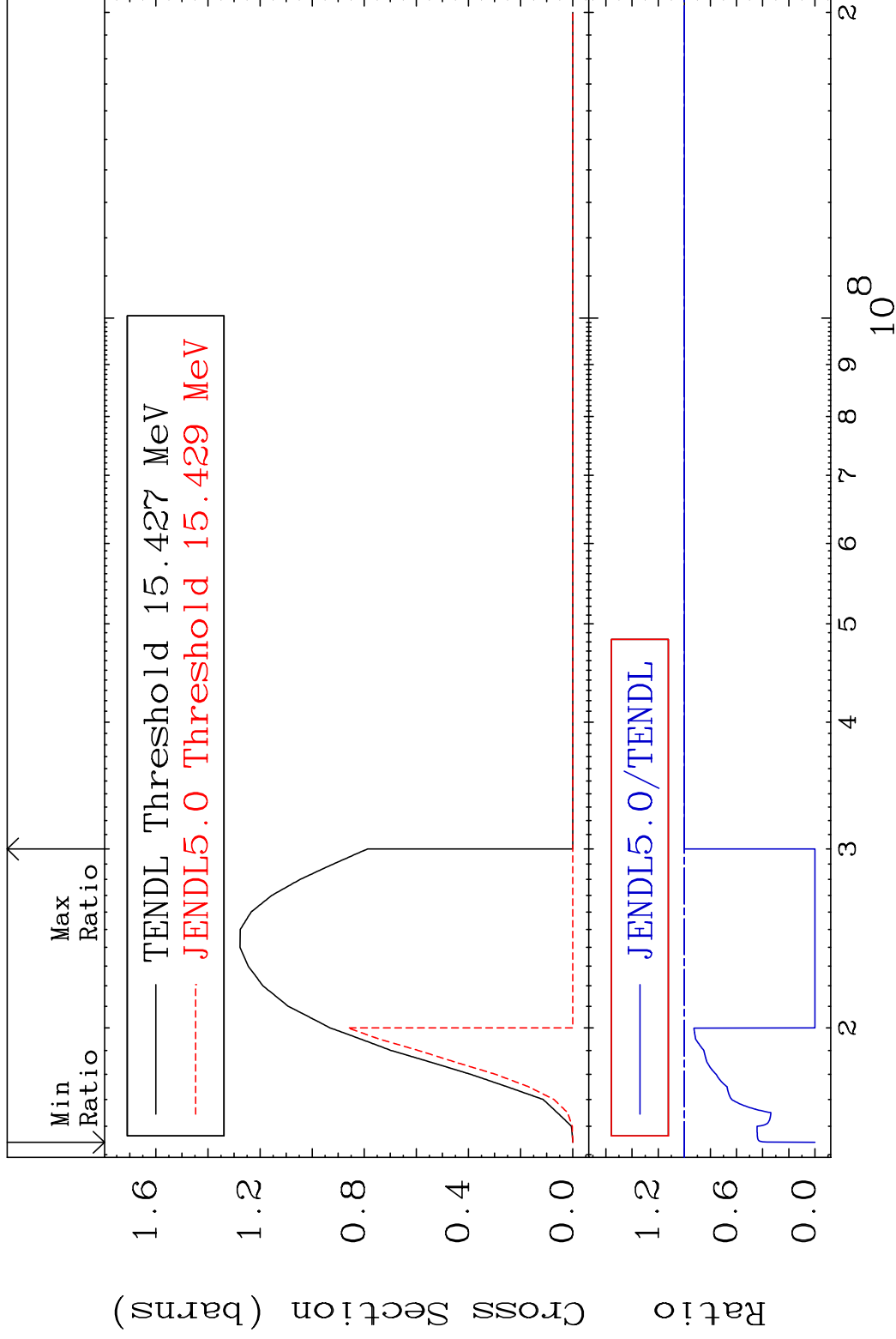
63-Eu-148

MAT 6316

(n,3n)

63-Eu-148

Cross Section -100.0 To 0.000 %



6

Incident Energy (eV)

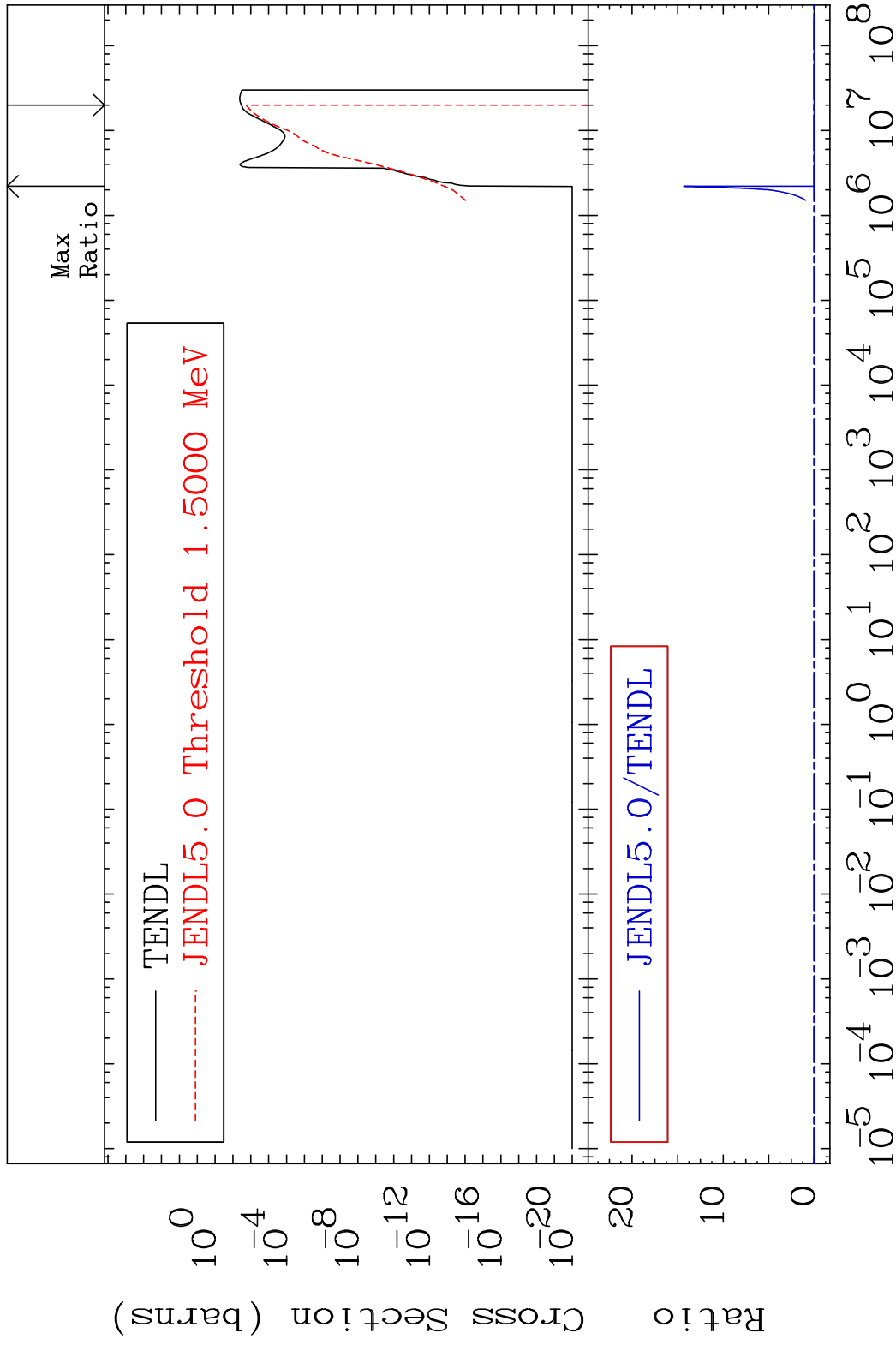
63-Eu-148

MAT 6316

(n, n') α

63-Eu-148

Cross Section -100.0 To 9999. %

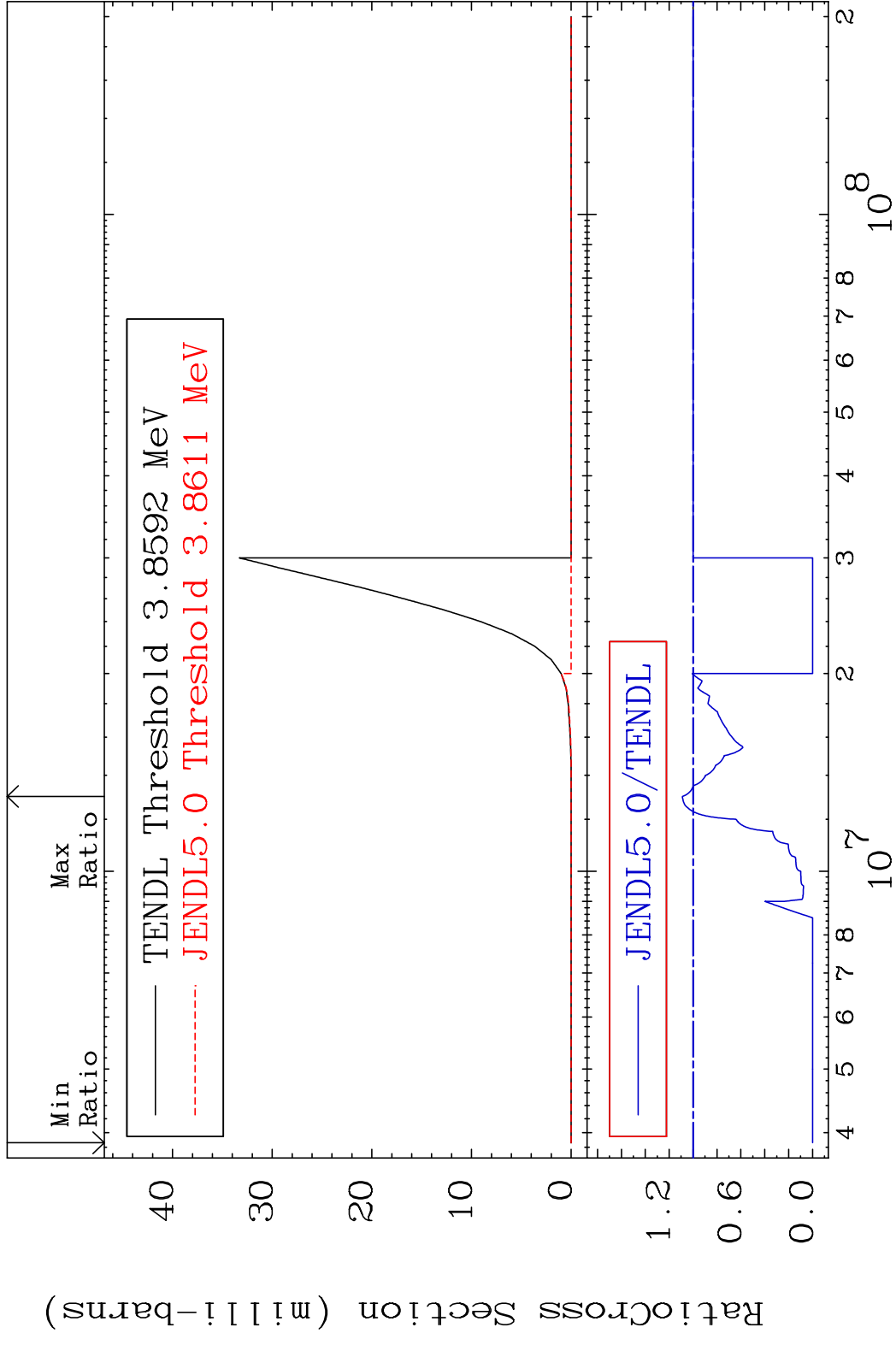


7

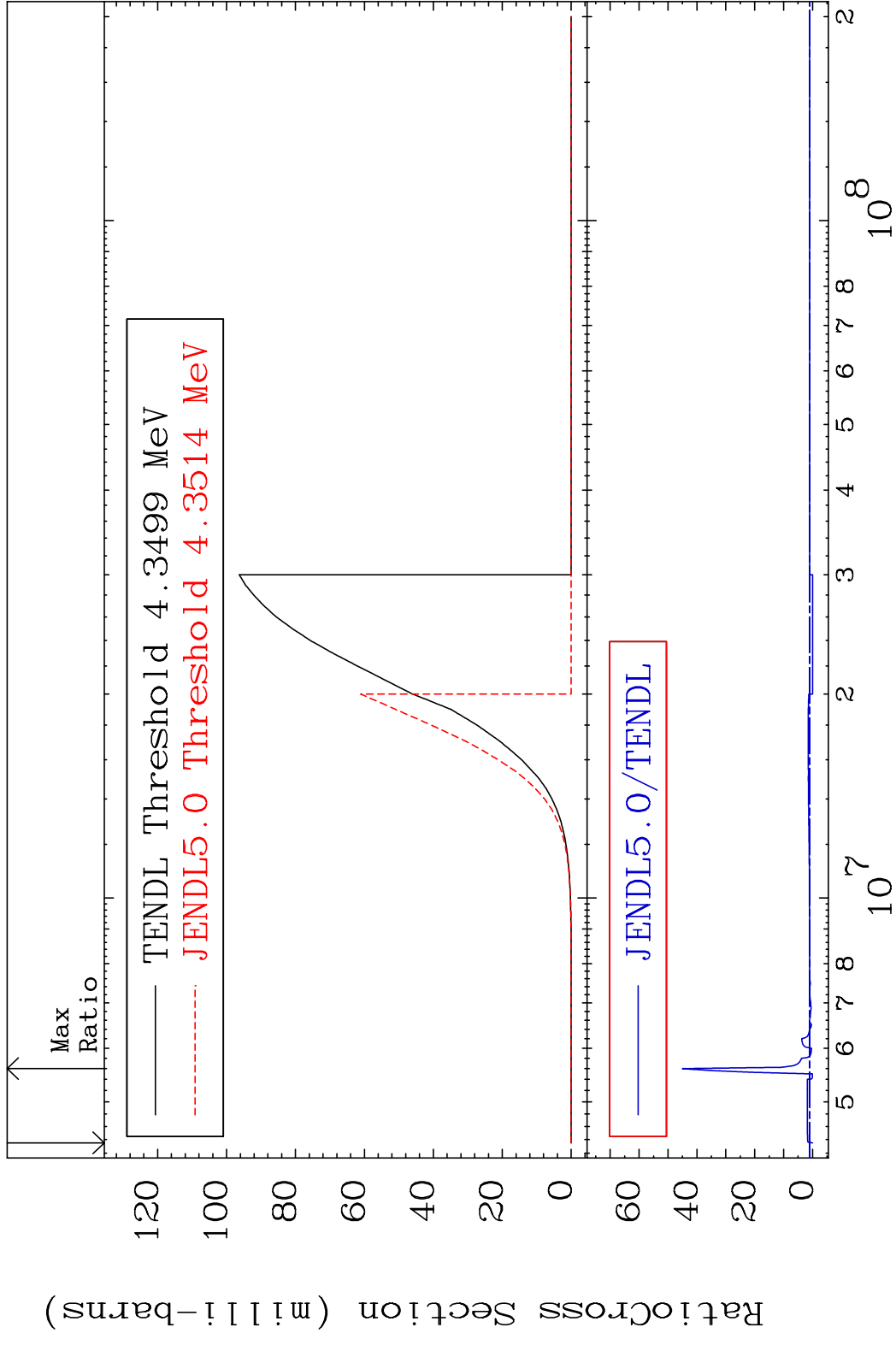
Incident Energy (eV)

63-Eu-148

MAT 6316 (n,2n) α 63-Eu-148
 Cross Section -100.0 To 8.976 %



MAT 6316 (n, n') p 63-Eu-148
 Cross Section -100.0 To 4404. %

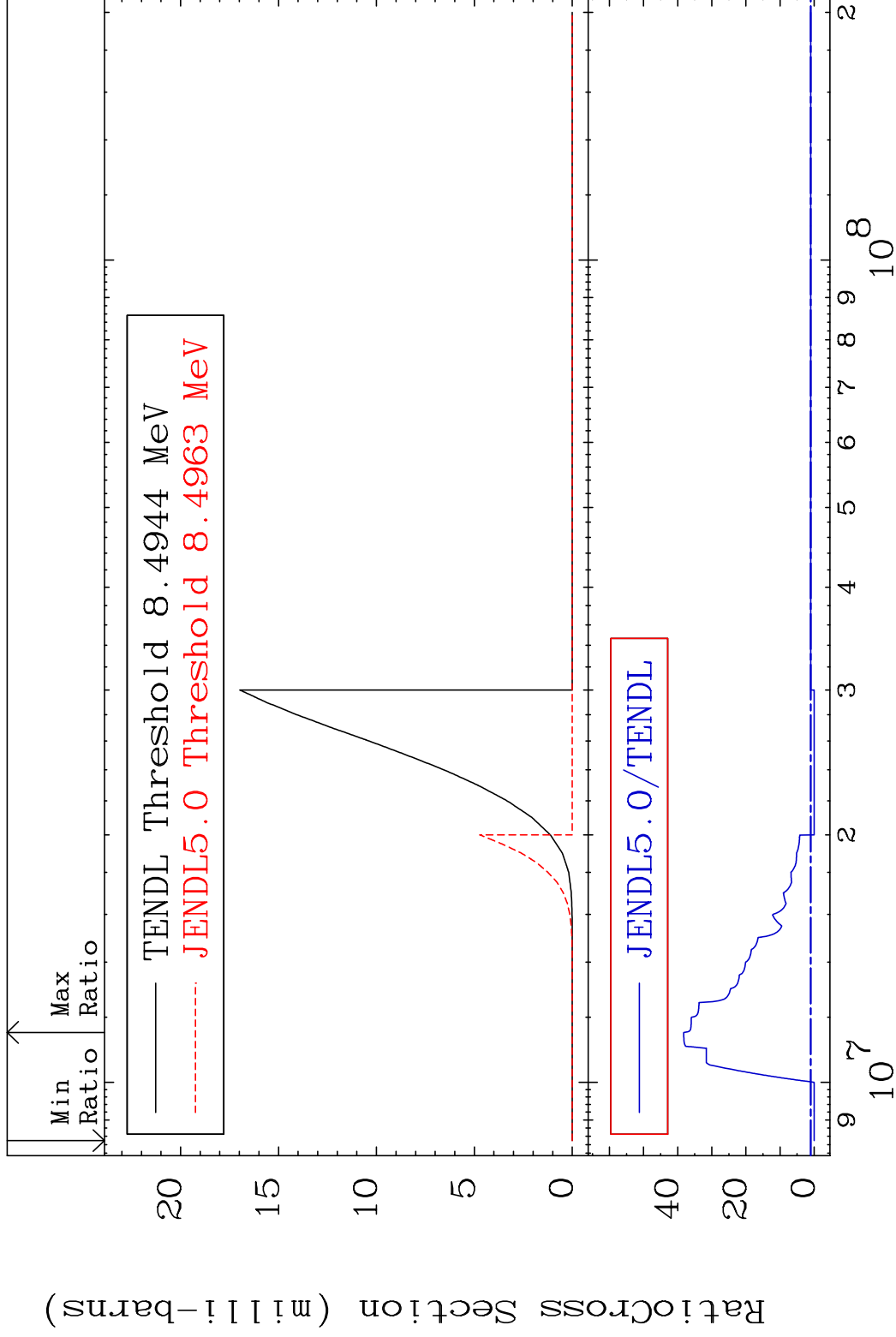


MAT 6316

(n, n') d

63-Eu-148

Cross Section -100.0 To 3725. %

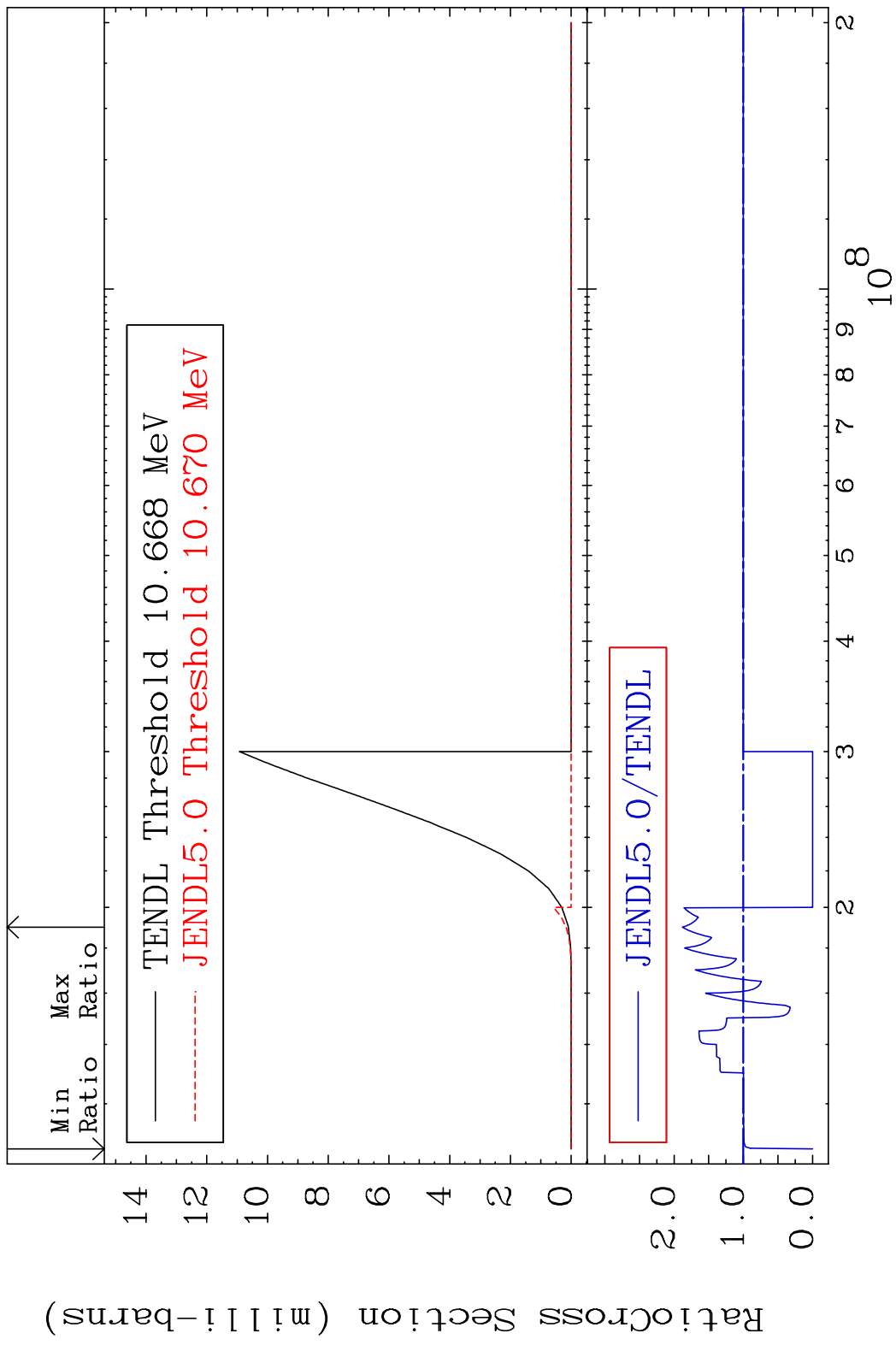


10

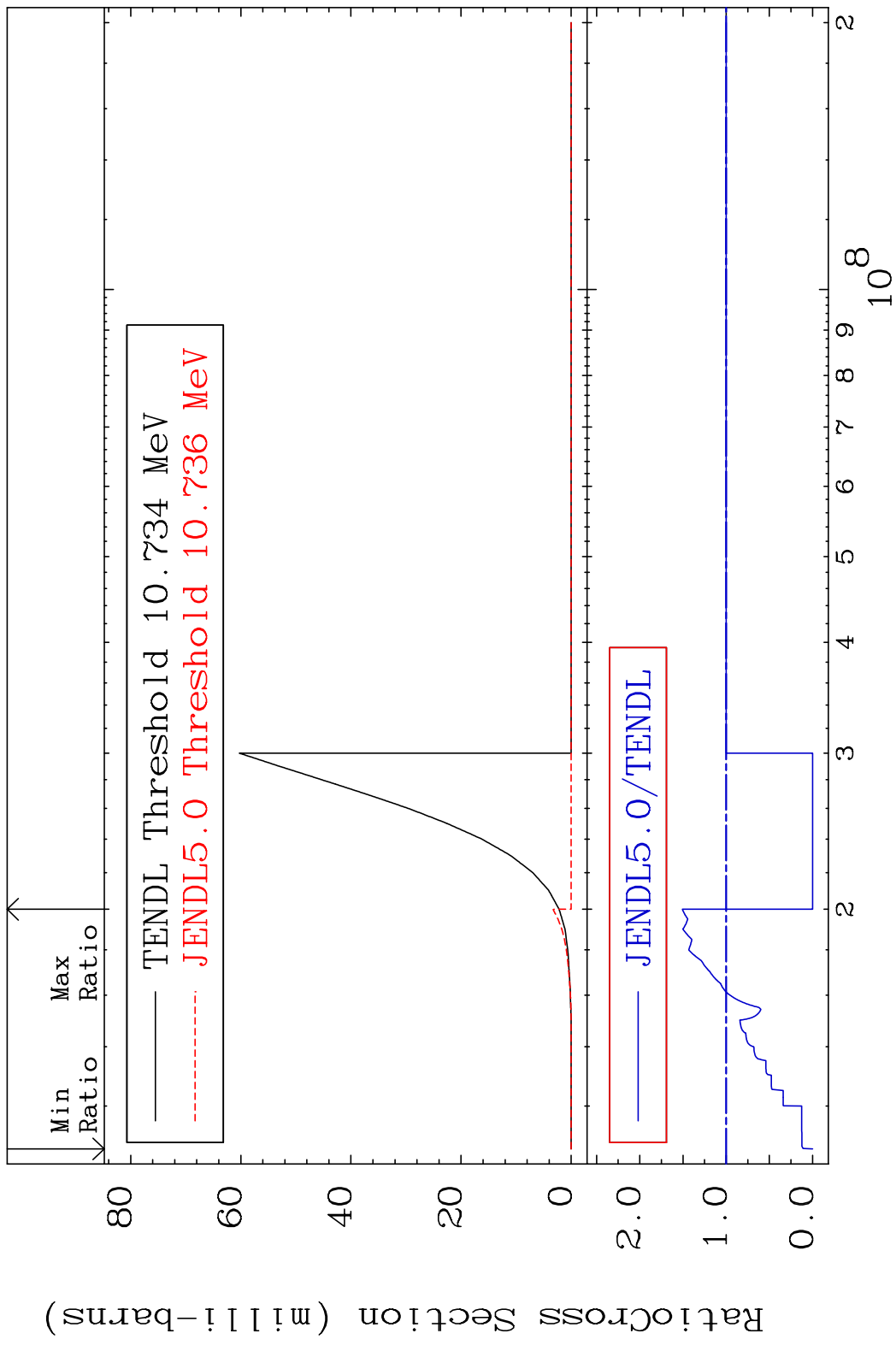
Incident Energy (eV)

63-Eu-148

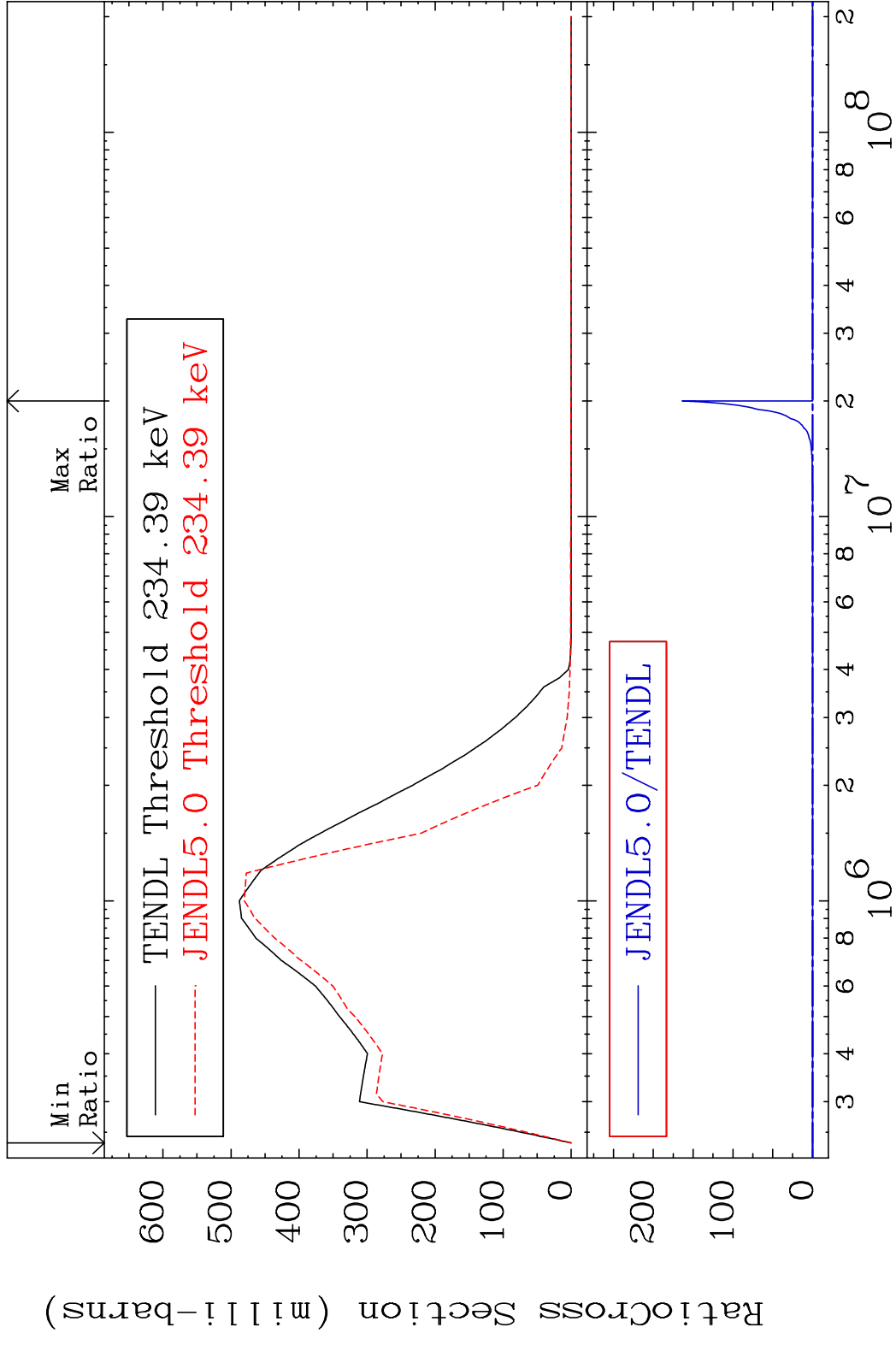
MAT 6316 (n, n') t 63-Eu-148
 Cross Section -100.0 To 88.08 %



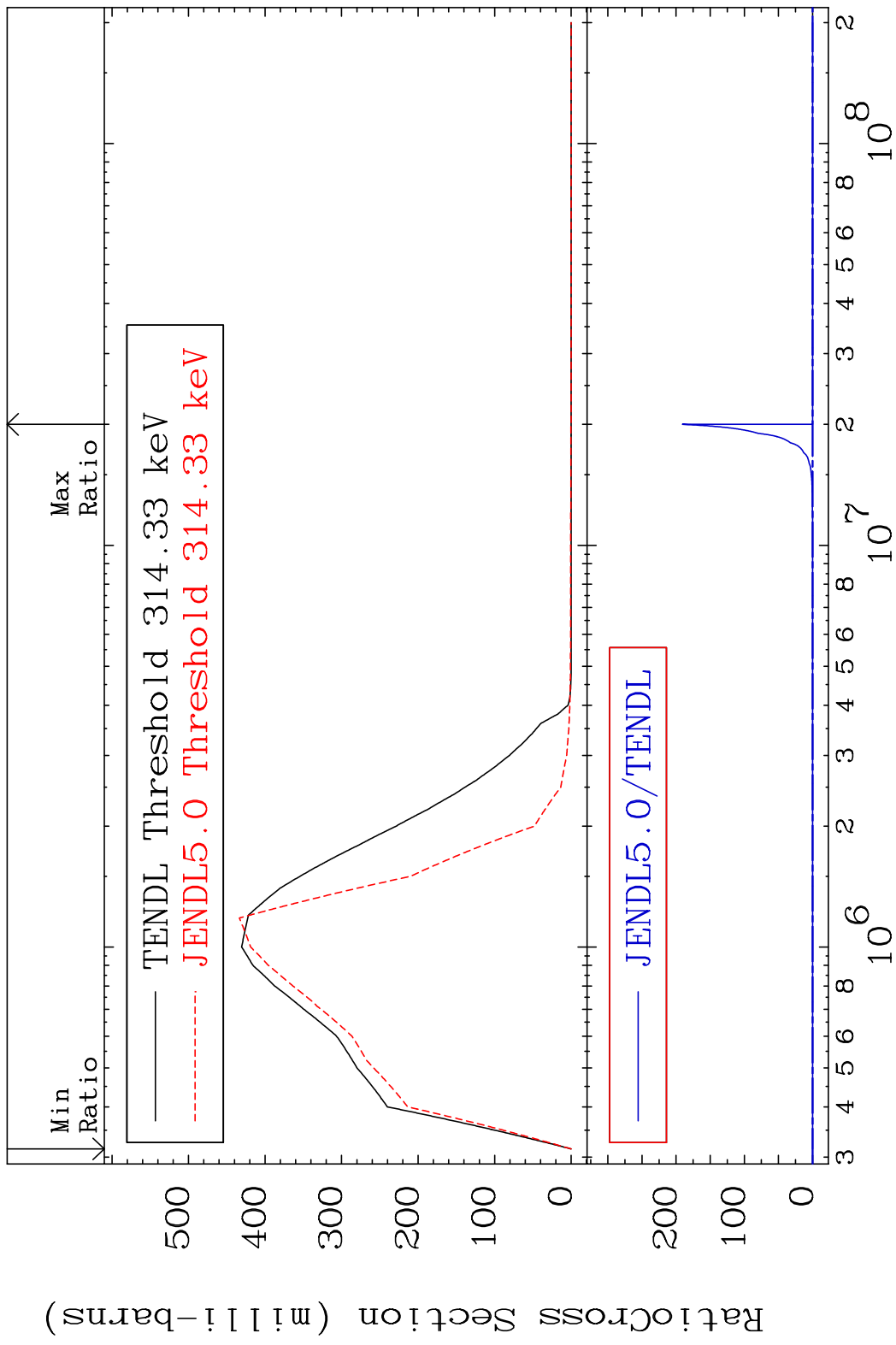
MAT 6316 (n,2n) p 63-Eu-148
 Cross Section -100.0 To 50.70 %



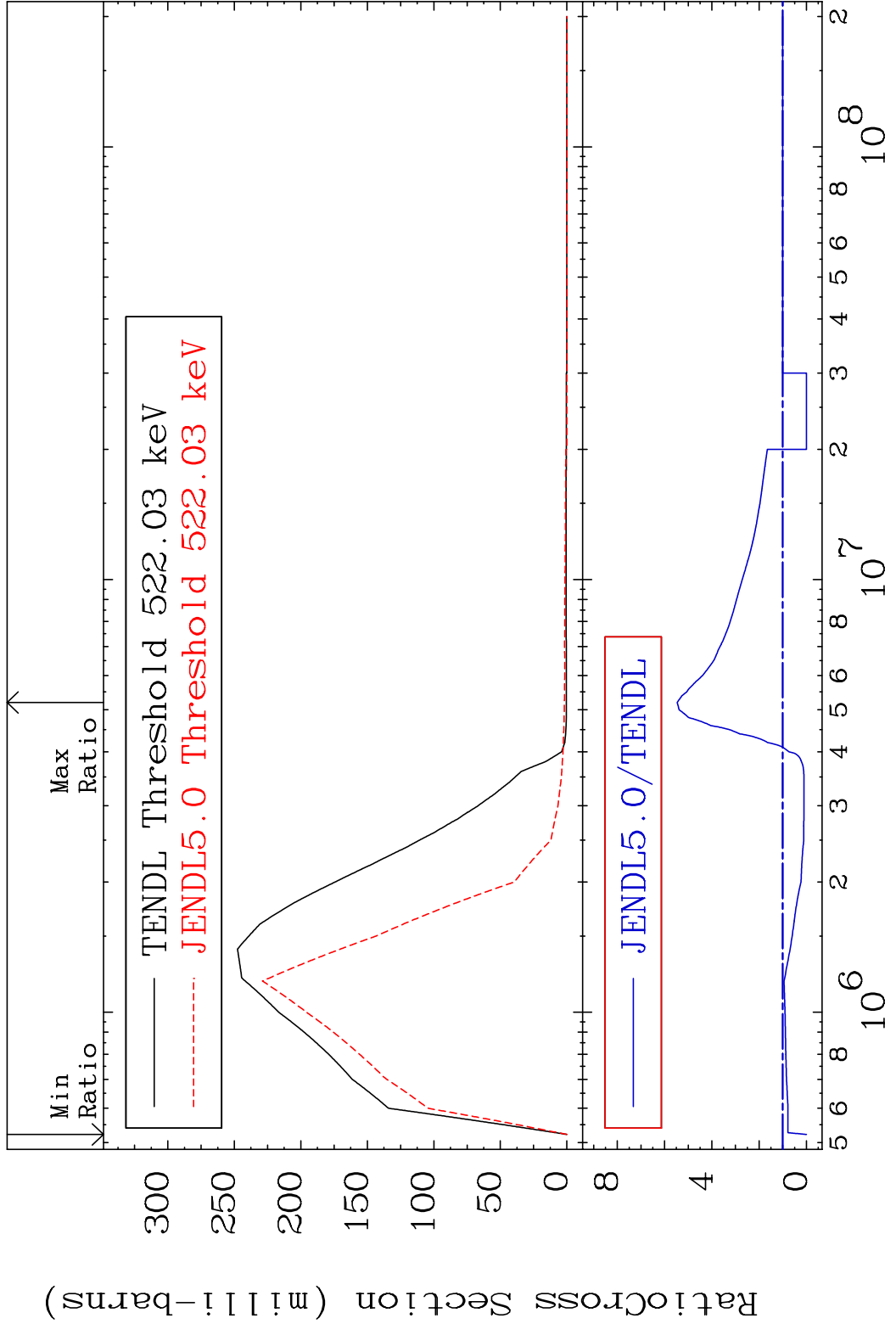
MAT 6316 MT= 51 (n, n') Level 63-Eu-148
 Cross Section -100.0 To 9999. %



MAT 6316 MT= 52 (n, n') Level 63-Eu-148
 Cross Section -100.0 To 9999. %

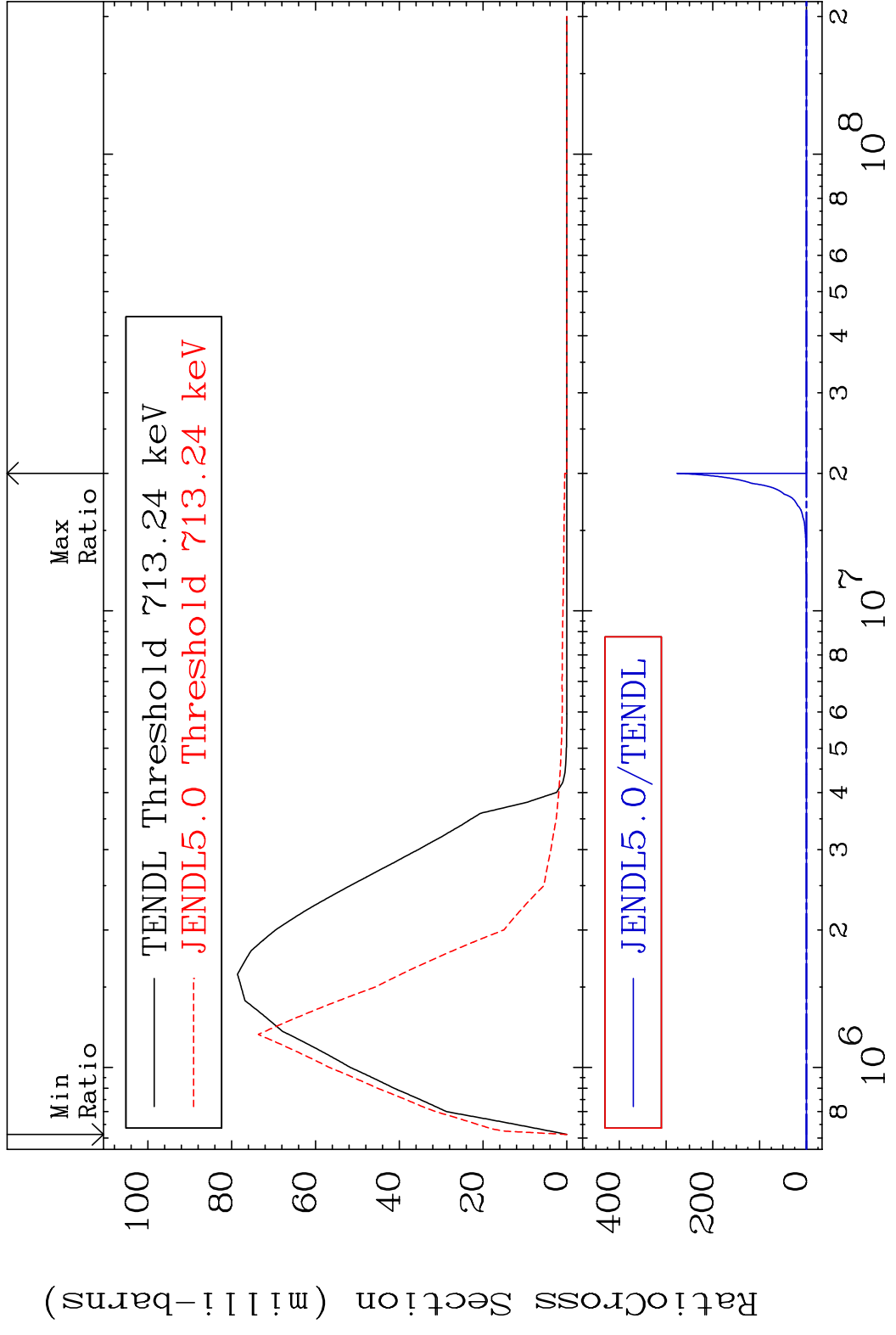


MAT 6316 MT= 53 (n, n') Level 63-Eu-148
 Cross Section -100.0 To 446.7 %

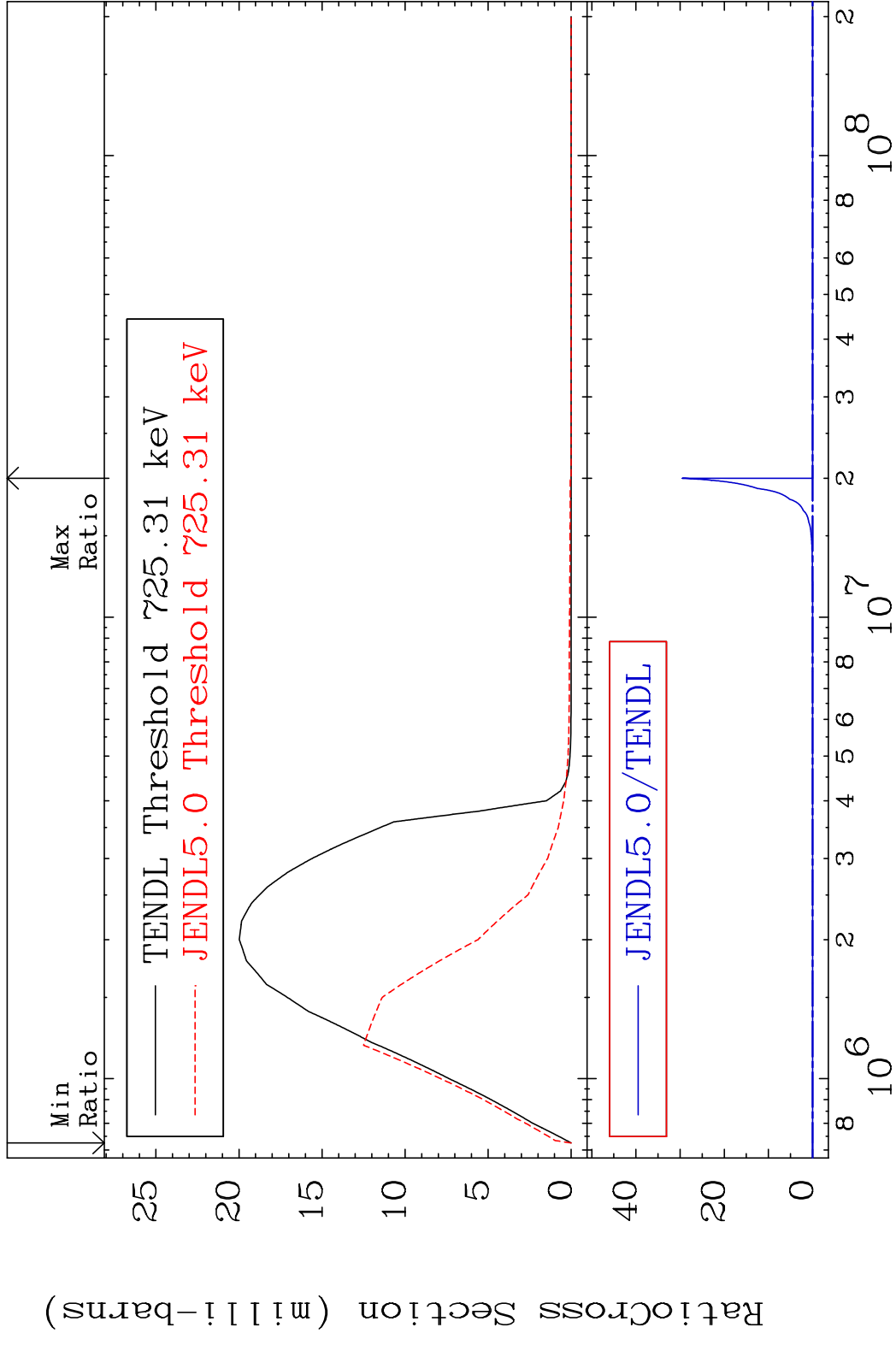


15 Incident Energy (eV) 63-Eu-148

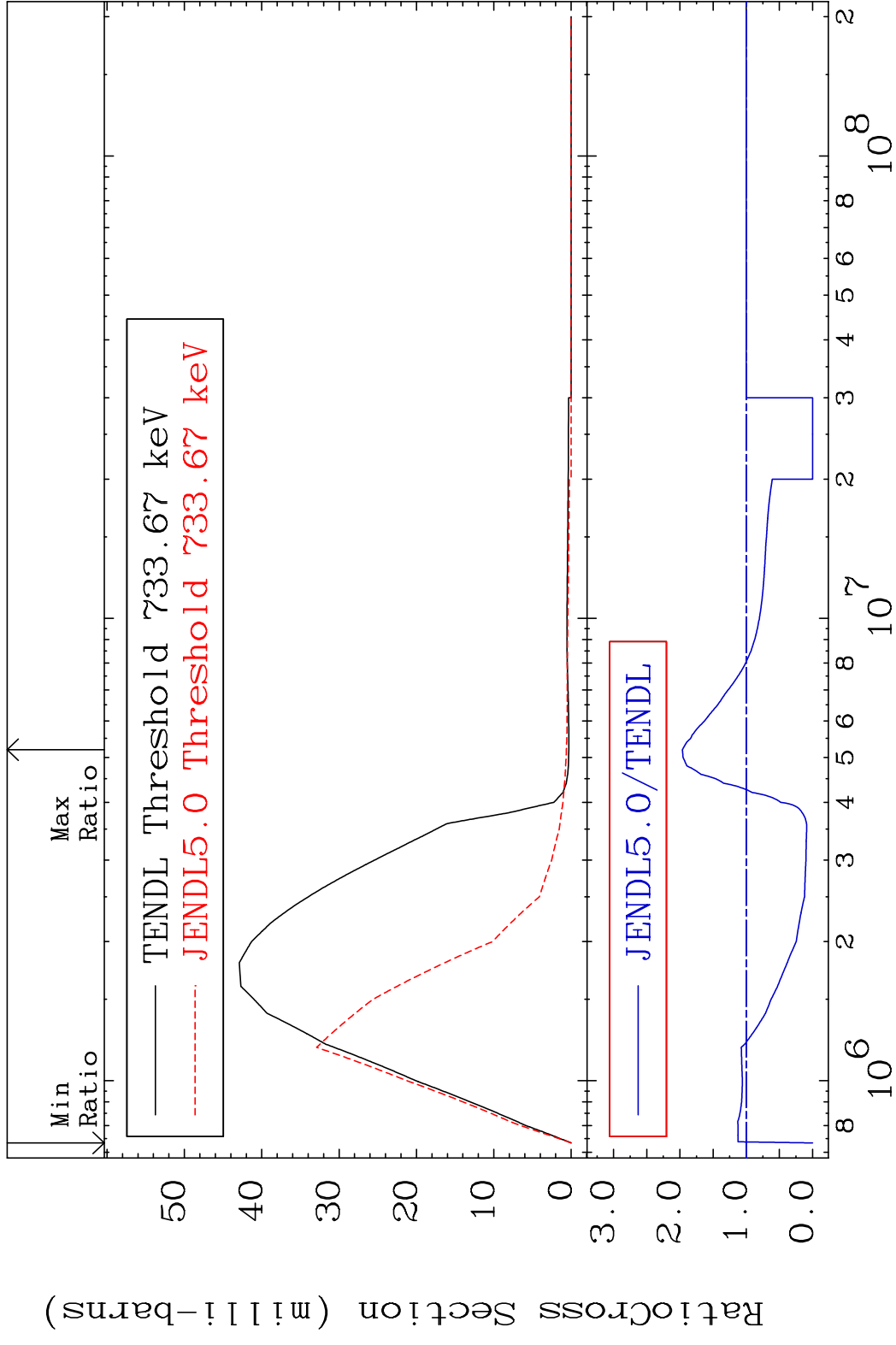
MAT 6316 MT= 54 (n, n') Level 63-Eu-148
 Cross Section -100.0 To 9999. %



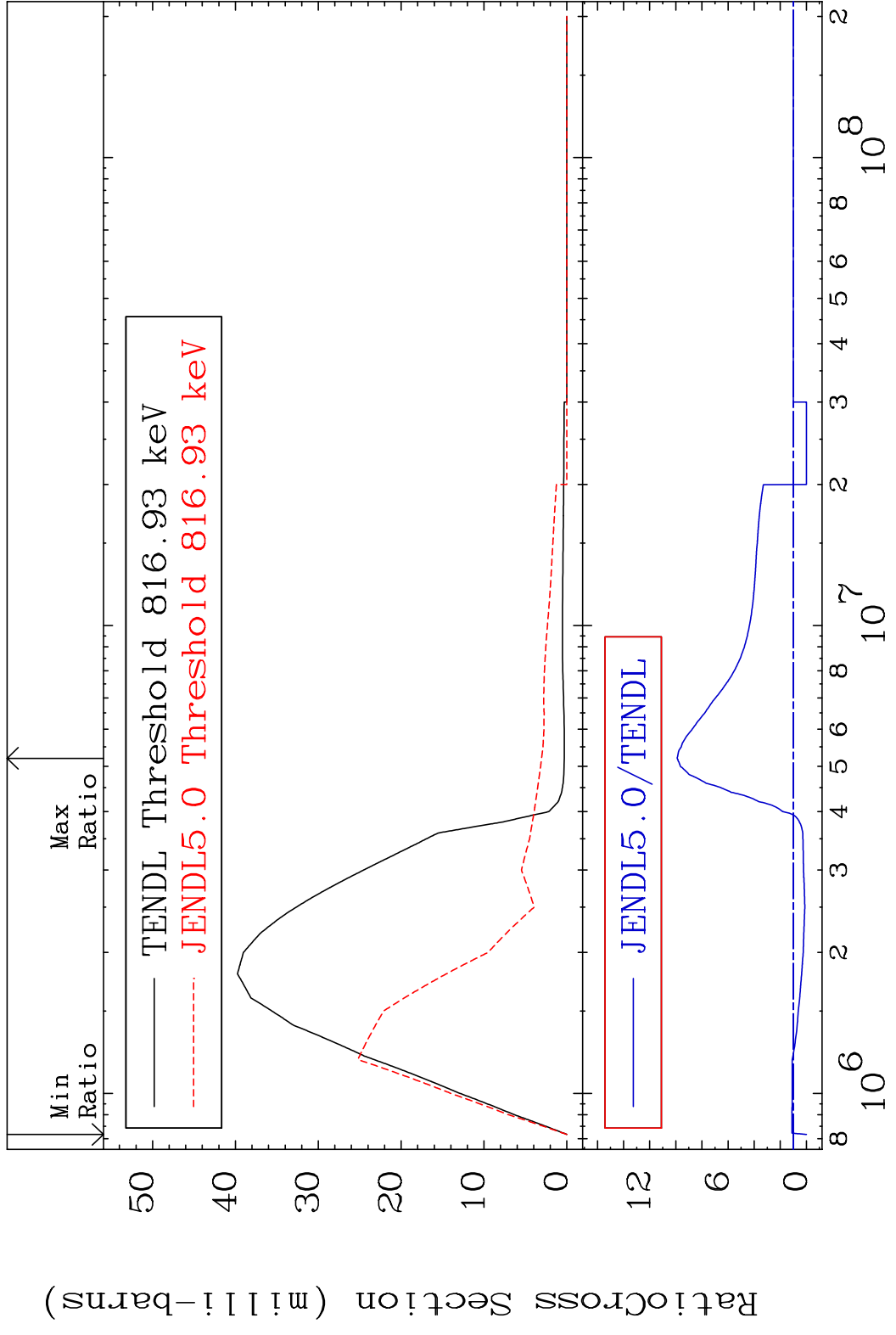
MAT 6316 MT= 55 (n, n') Level 63-Eu-148
 Cross Section -100.0 To 9999. %



MAT 6316 MT= 56 (n, n') Level 63-Eu-148
 Cross Section -100.0 To 96.31 %

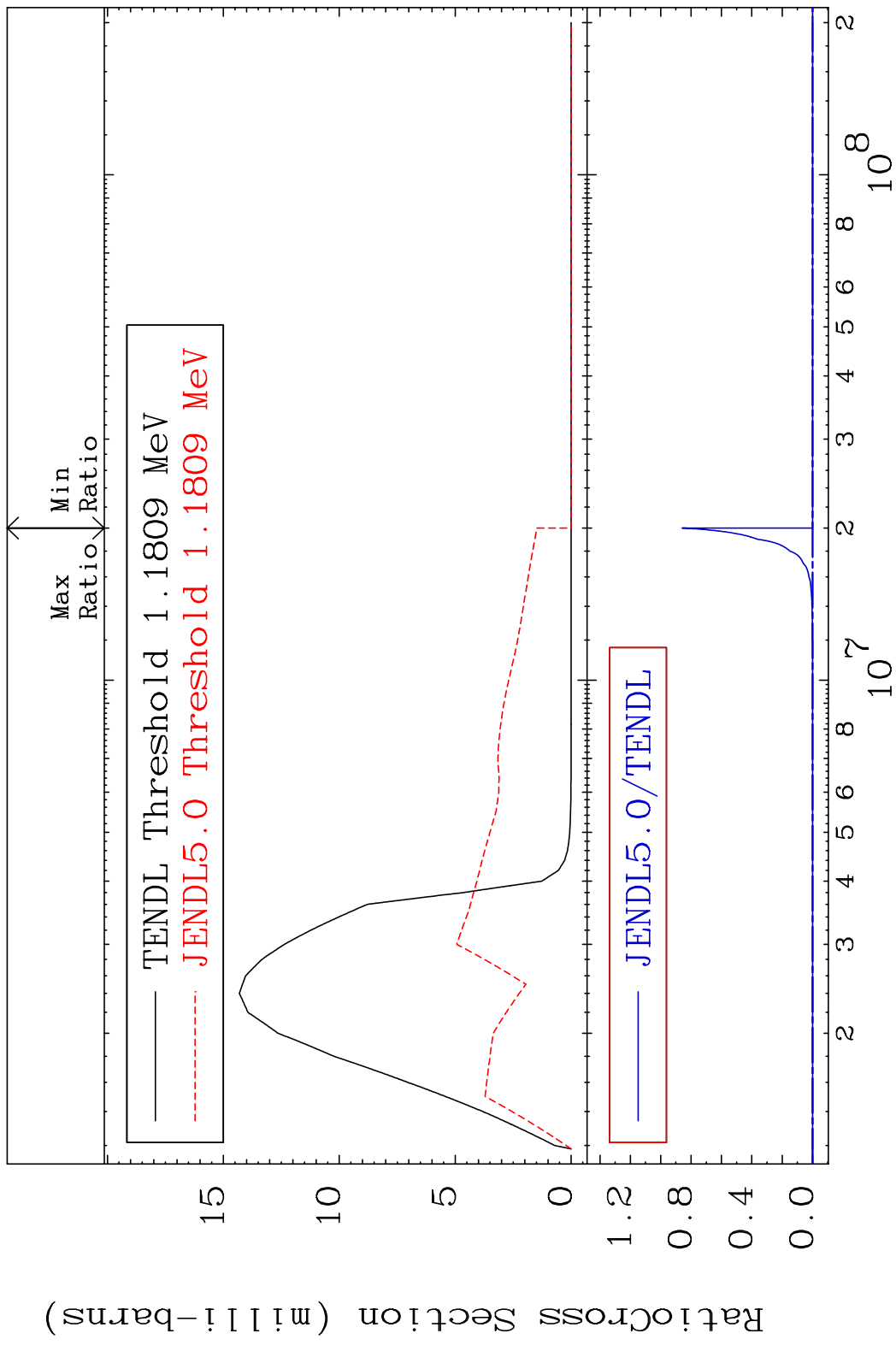


MAT 6316 MT= 57 (n, n') Level 63-Eu-148
 Cross Section -100.0 To 889.5 %

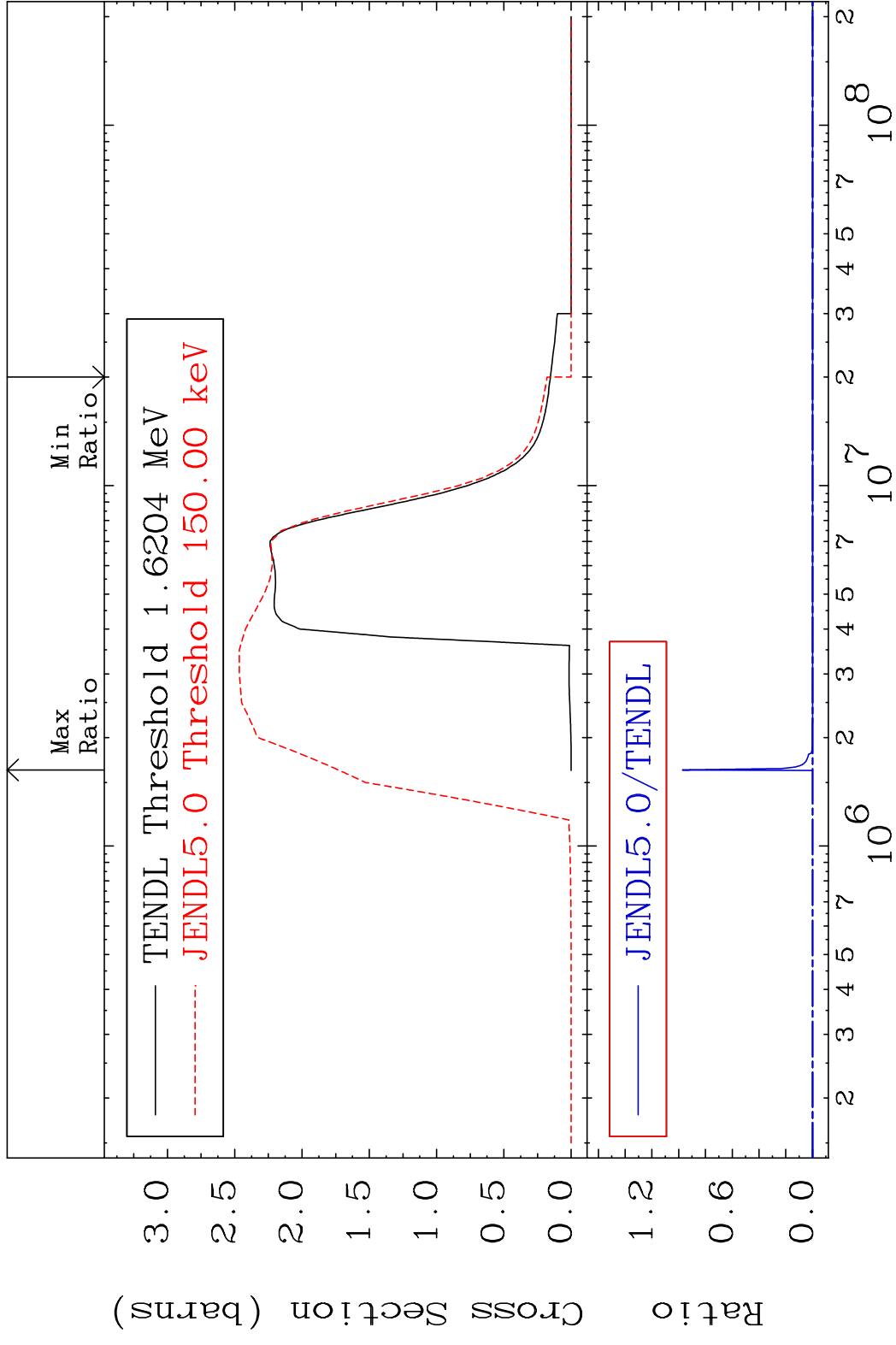


19 63-Eu-148

MAT 6316 MT= 58 (n, n') Level 63-Eu-148
 Cross Section -100.0 To 9999. %



MAT 6316 (n, n') Continuum 63-Eu-148
 Cross Section -100.0 To 9999. %

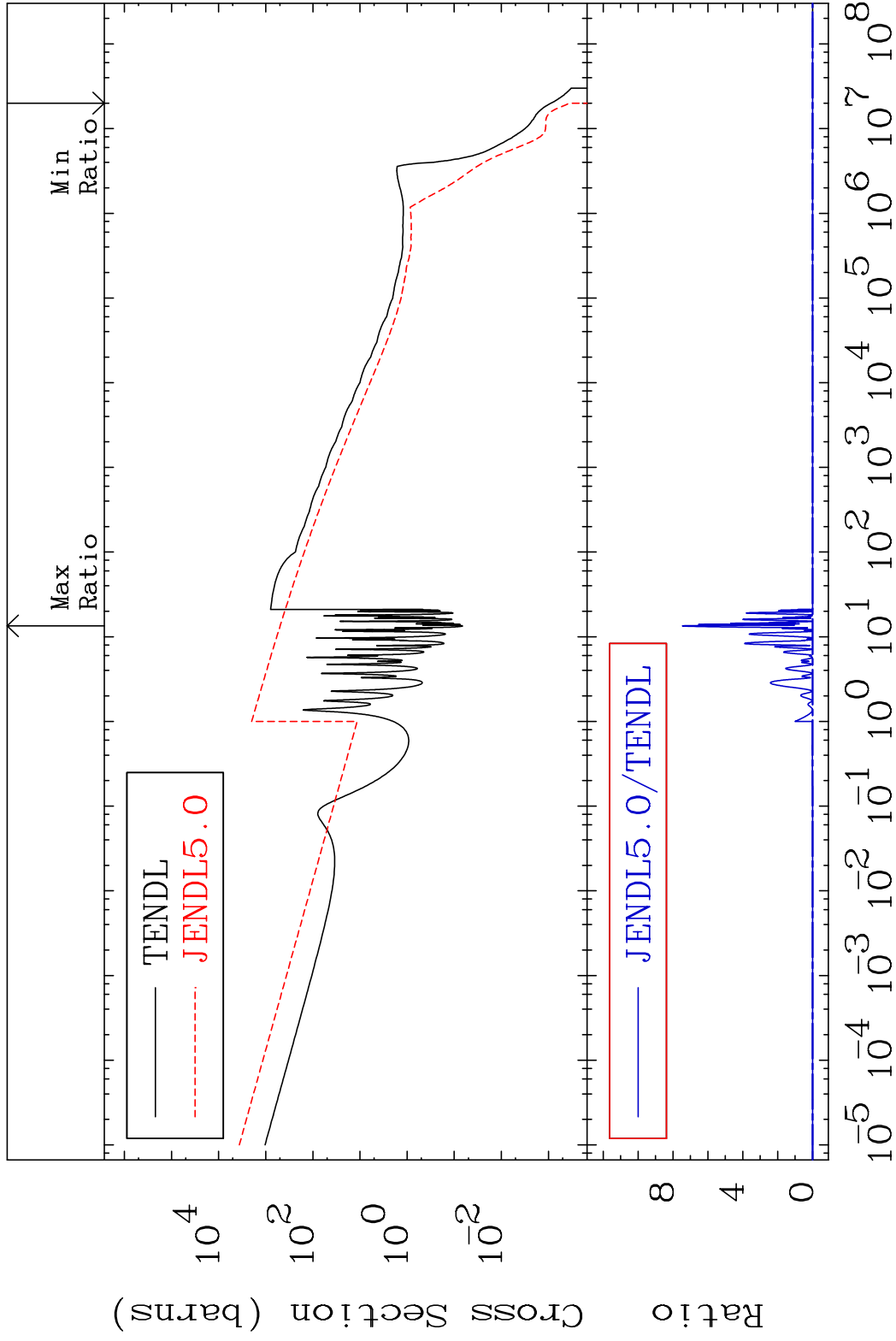


MAT 6316

(n, γ)

63-Eu-148

Cross Section -100.0 To 9999. %



22

Incident Energy (eV)

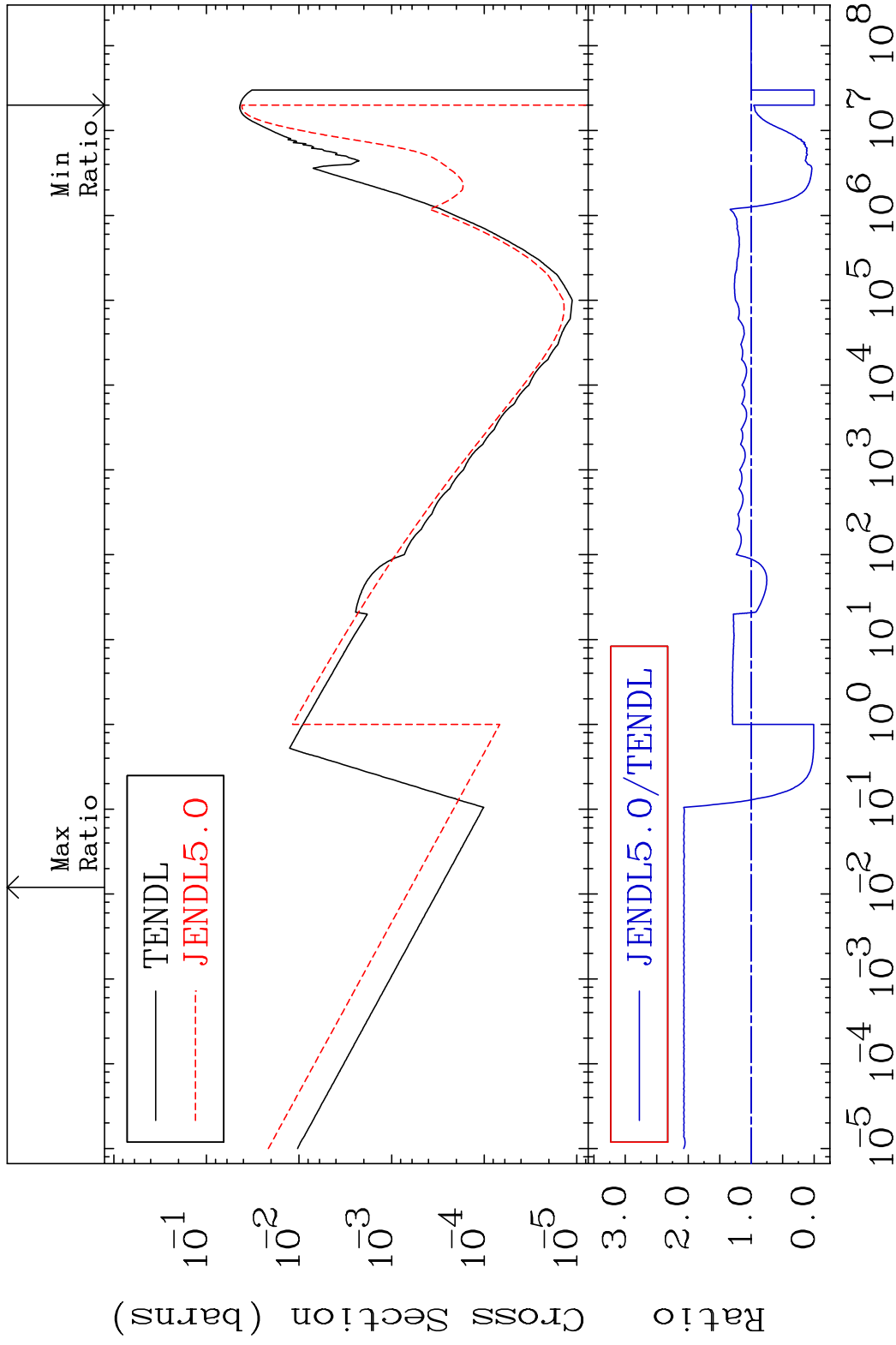
63-Eu-148

MAT 6316

(n, p)

63-Eu-148

Cross Section -100.0 To 107.3 %

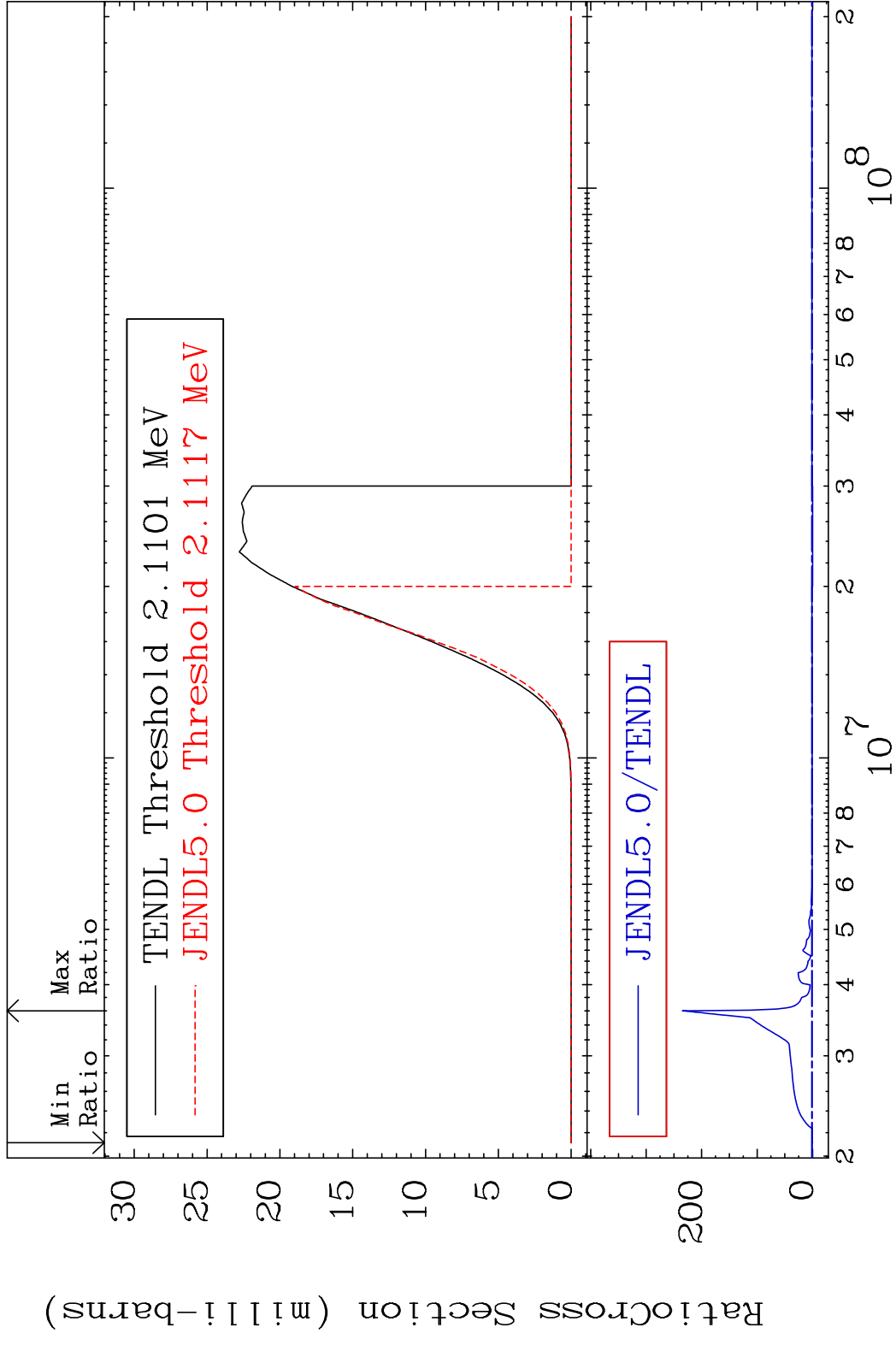


23

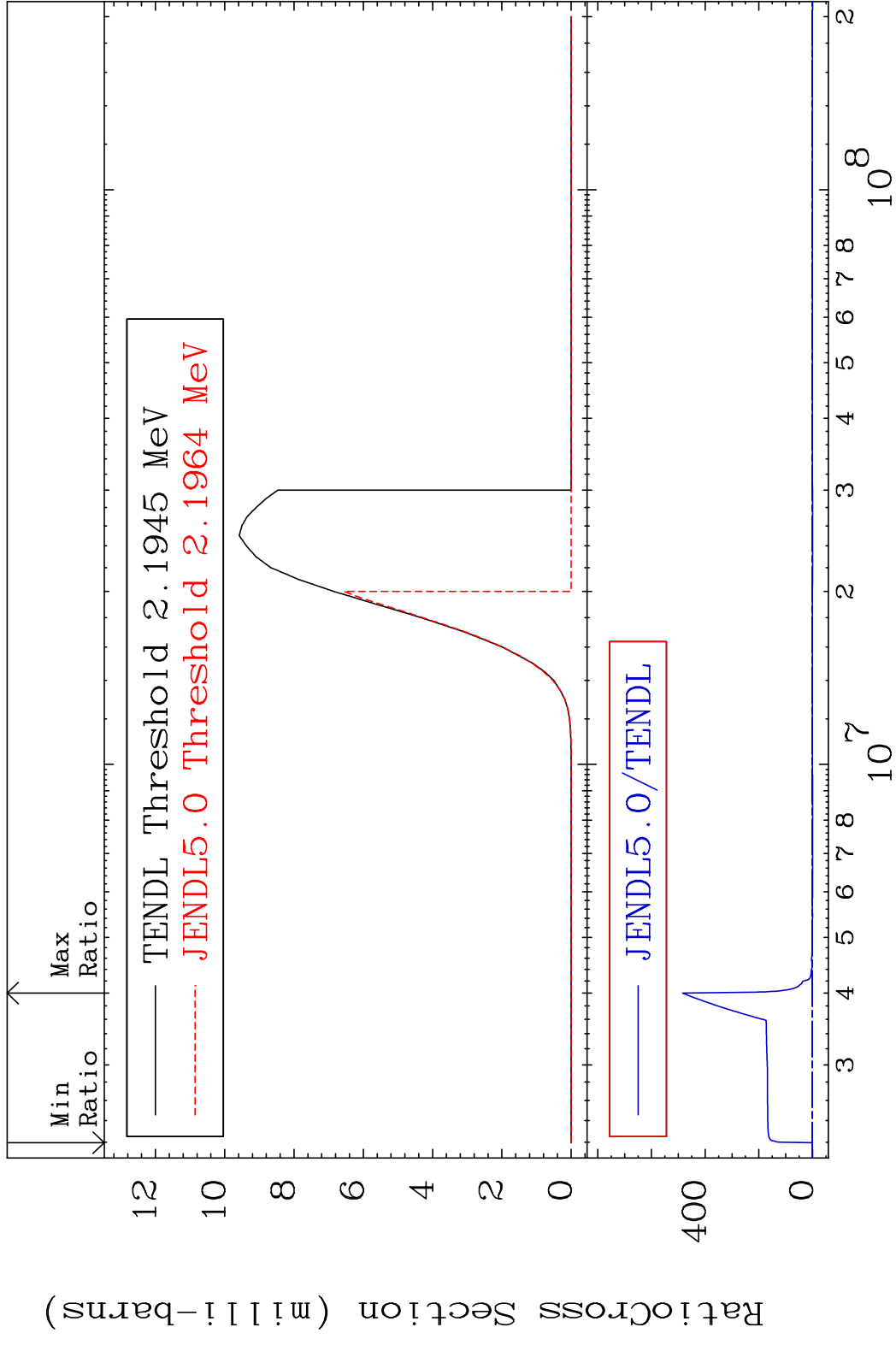
Incident Energy (eV)

63-Eu-148

MAT 6316 (n,d) 63-Eu-148
 Cross Section -100.0 To 9999. %



MAT 6316 (n, t) 63-Eu-148
 Cross Section -100.0 To 9999. %

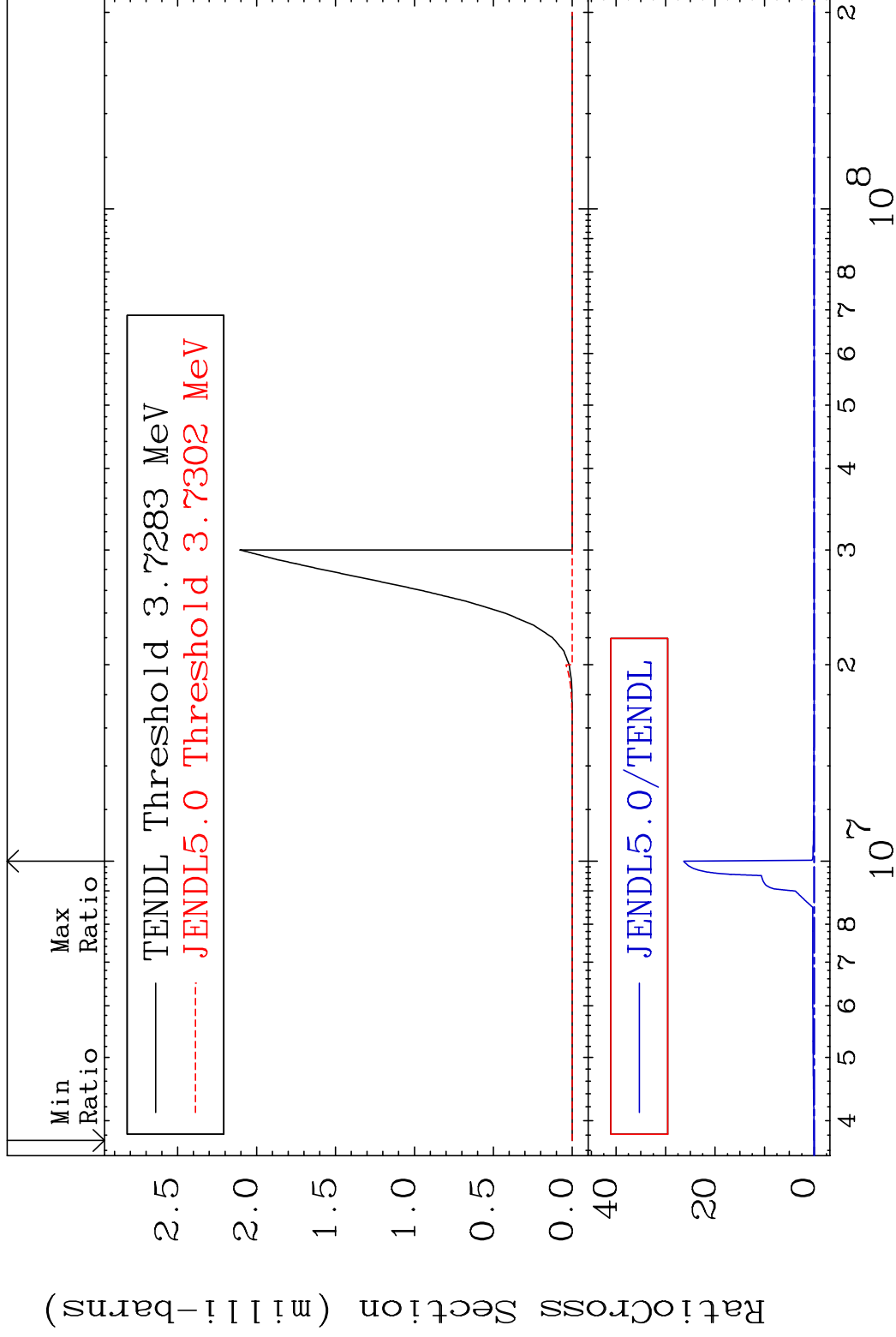


MAT 6316

(n, He-3)

63-Eu-148

Cross Section -100.0 To 9999. %

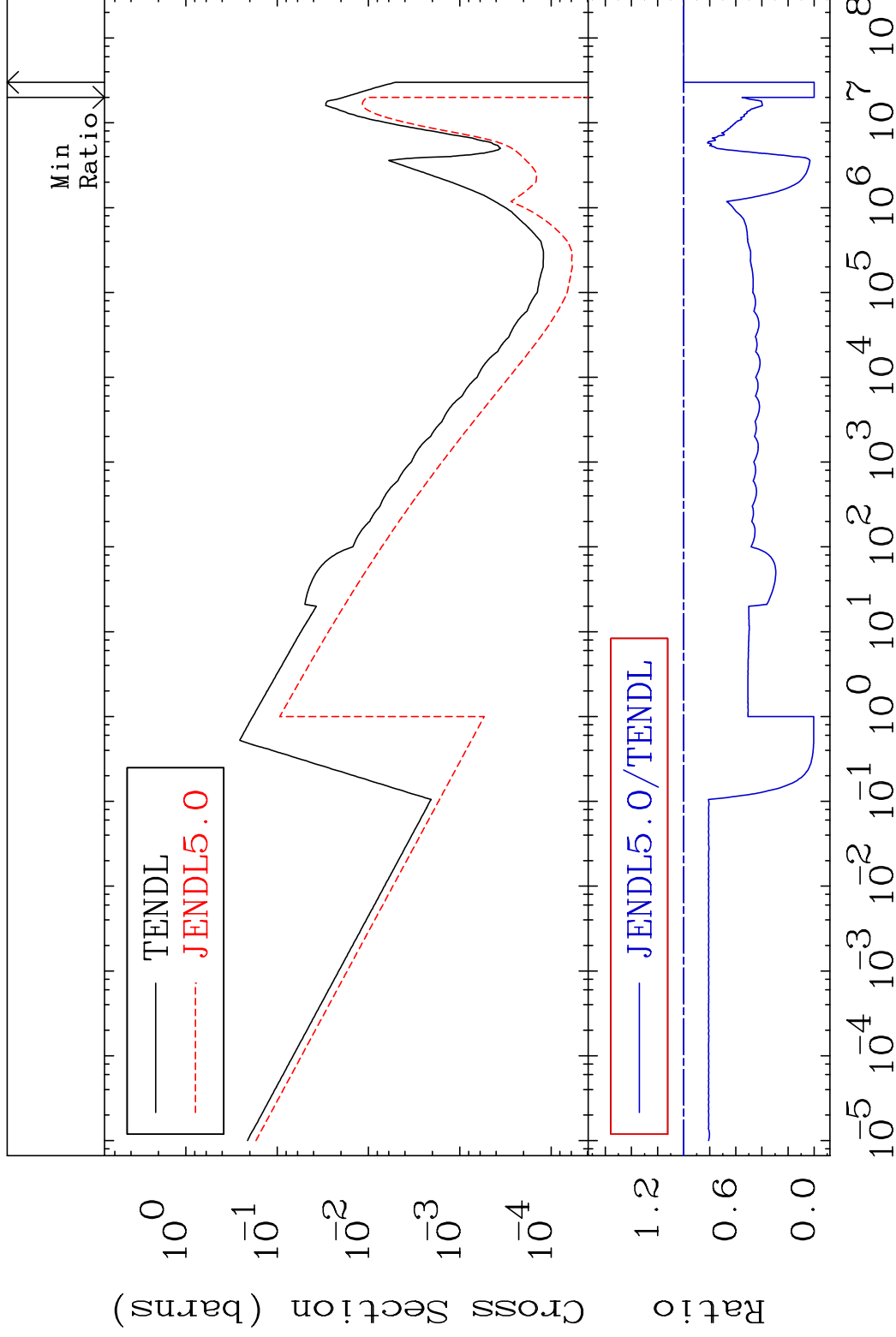


MAT 6316

(n, α)

63-Eu-148

Cross Section -100.0 To 0.000 %



27

Incident Energy (eV)

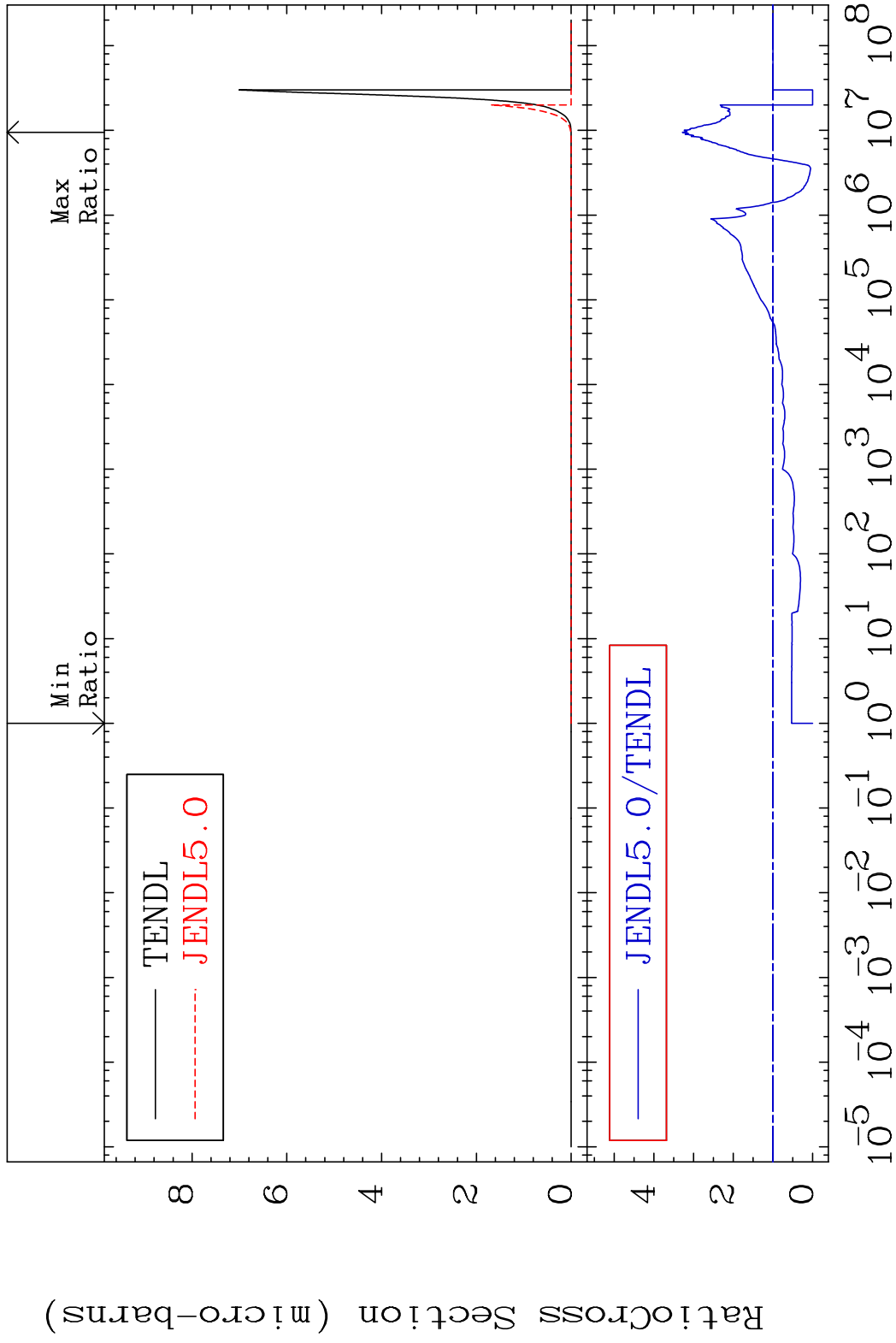
63-Eu-148

MAT 6316

(n, 2α)

63-Eu-148

Cross Section -100.0 To 228.3 %



28

Incident Energy (eV)

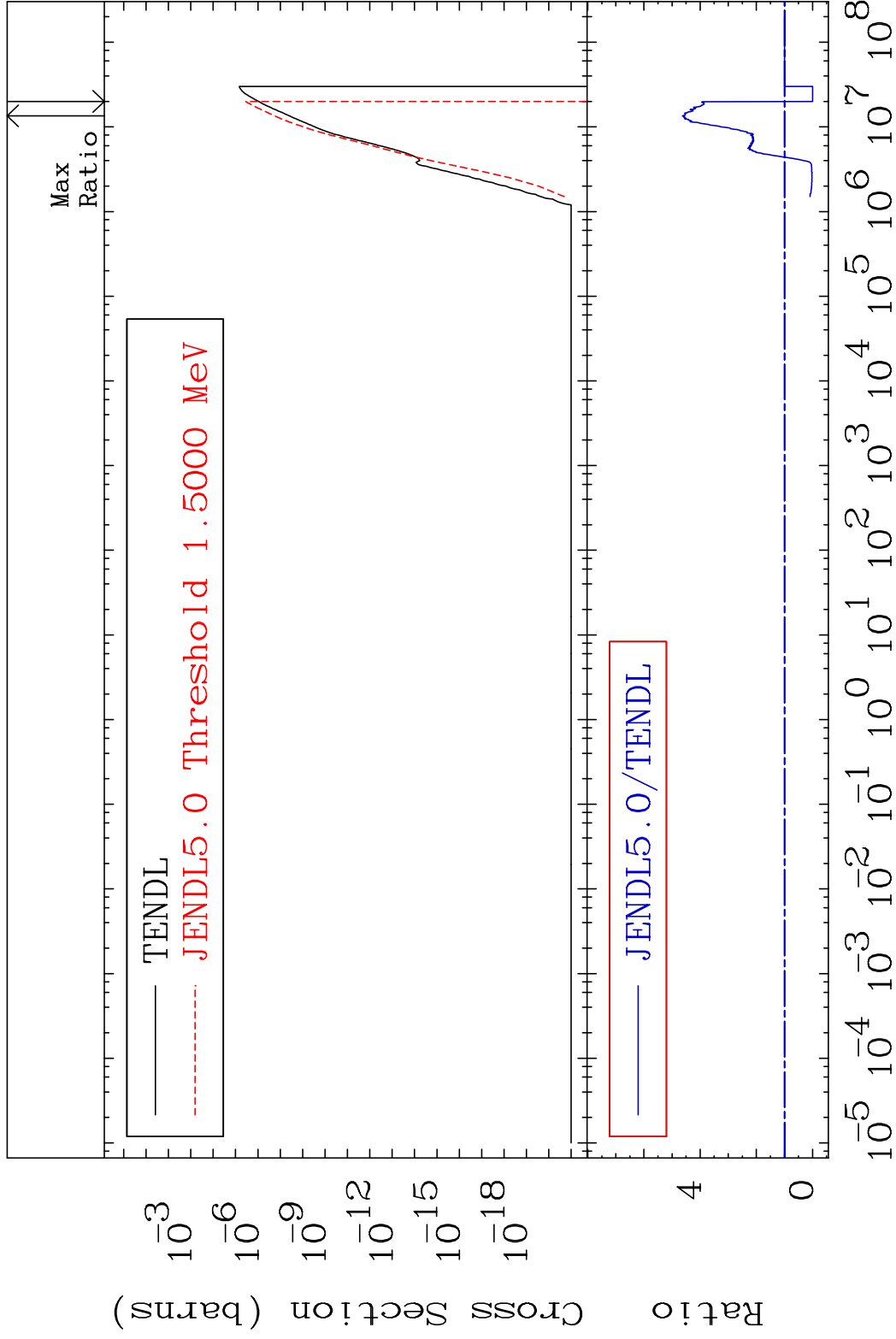
63-Eu-148

MAT 6316

(n,p) α

63-Eu-148

Cross Section -100.0 To 363.3 %



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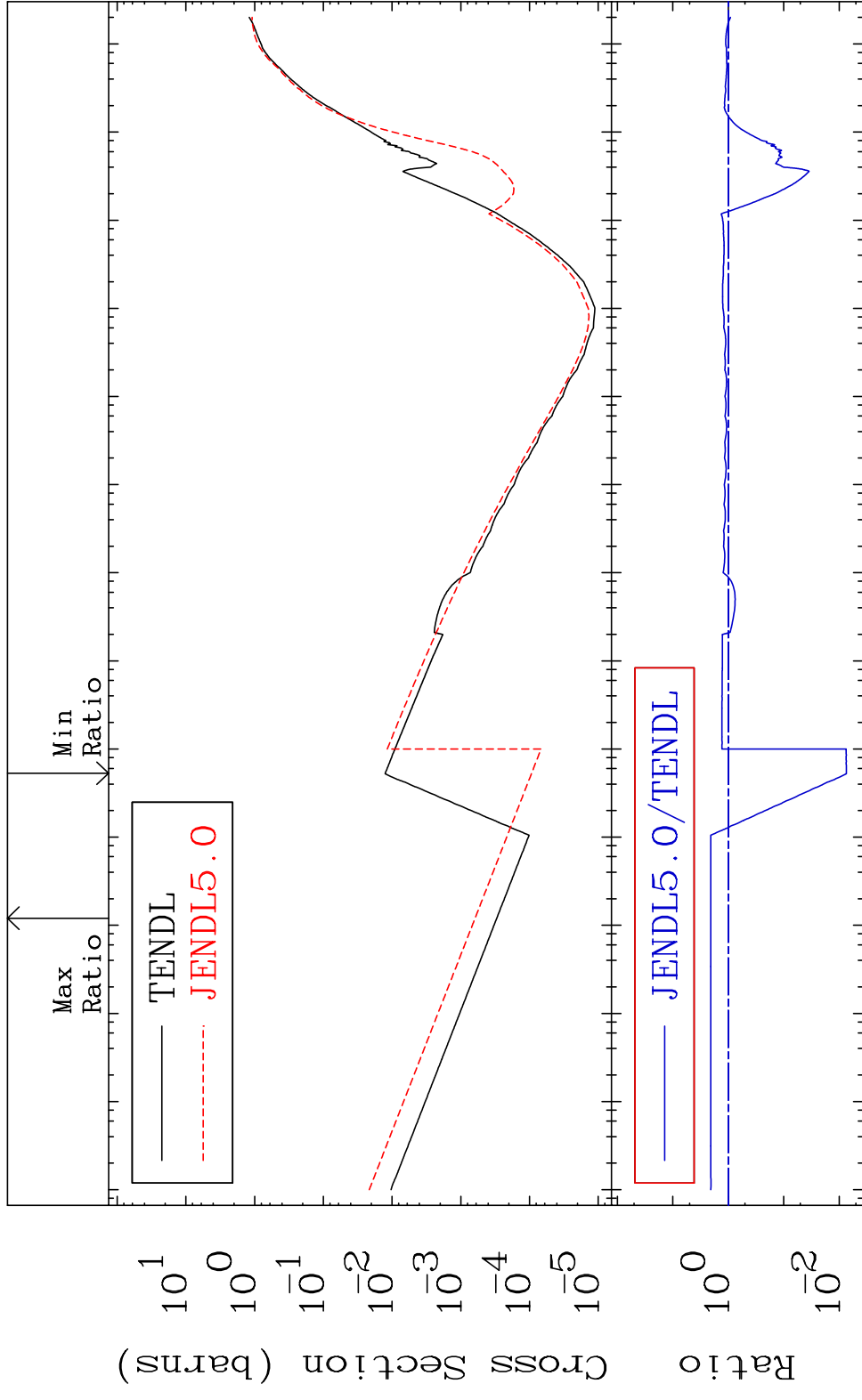
Incident Energy (eV)

63-Eu-148

MAT 6316

Hydrogen Production
Cross Section -99.26 To 107.3 %

63-Eu-148



30

Incident Energy (eV)

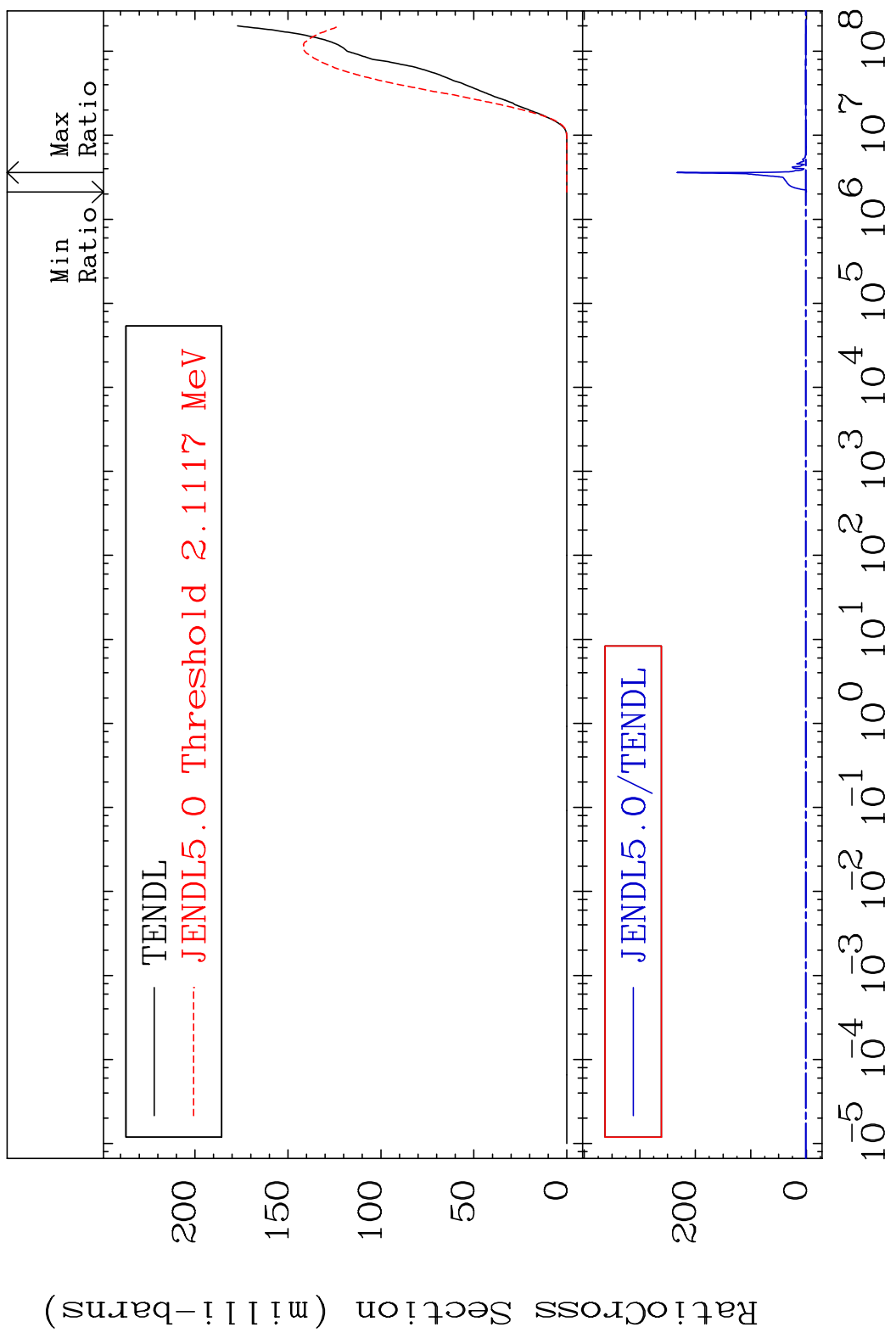
63-Eu-148

MAT 6316

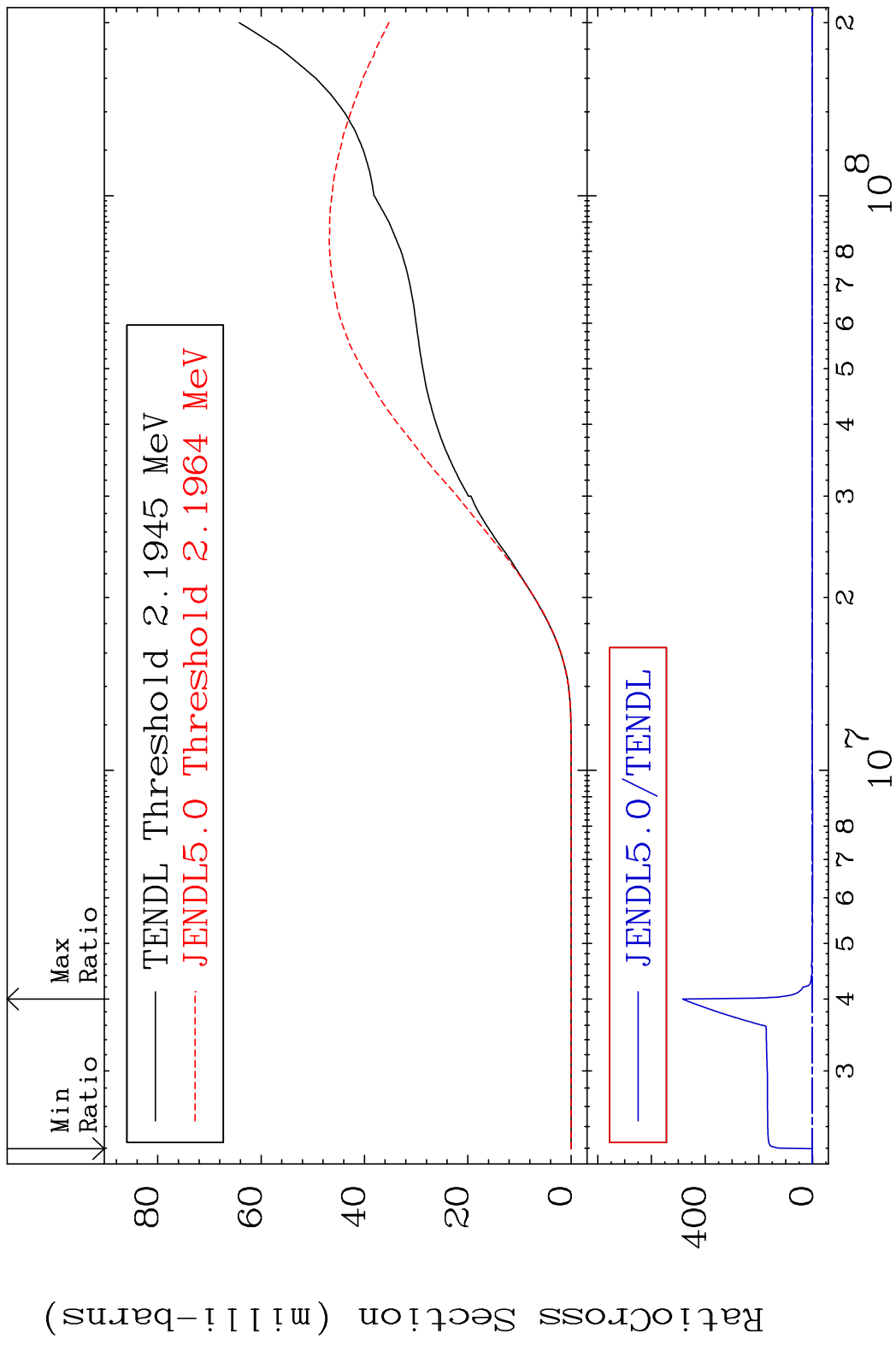
Deuterium Production

63-Eu-148

Cross Section -100.0 To 9999. %



MAT 6316 Tritium Production 63-Eu-148
 Cross Section -100.0 To 9999. %

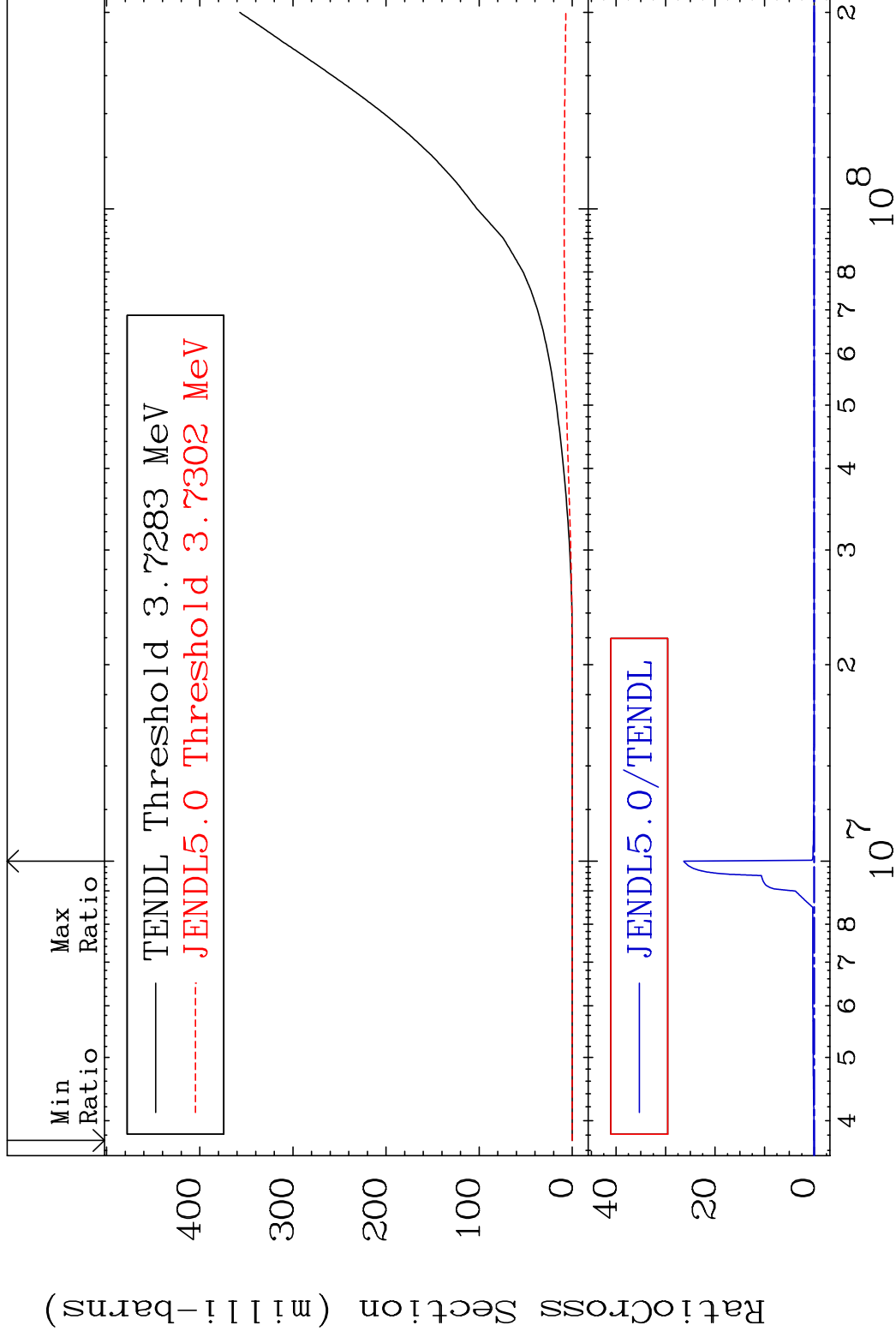


MAT 6316

He-3 Production

63-Eu-148

Cross Section -100.0 To 9999. %



33

Incident Energy (eV)

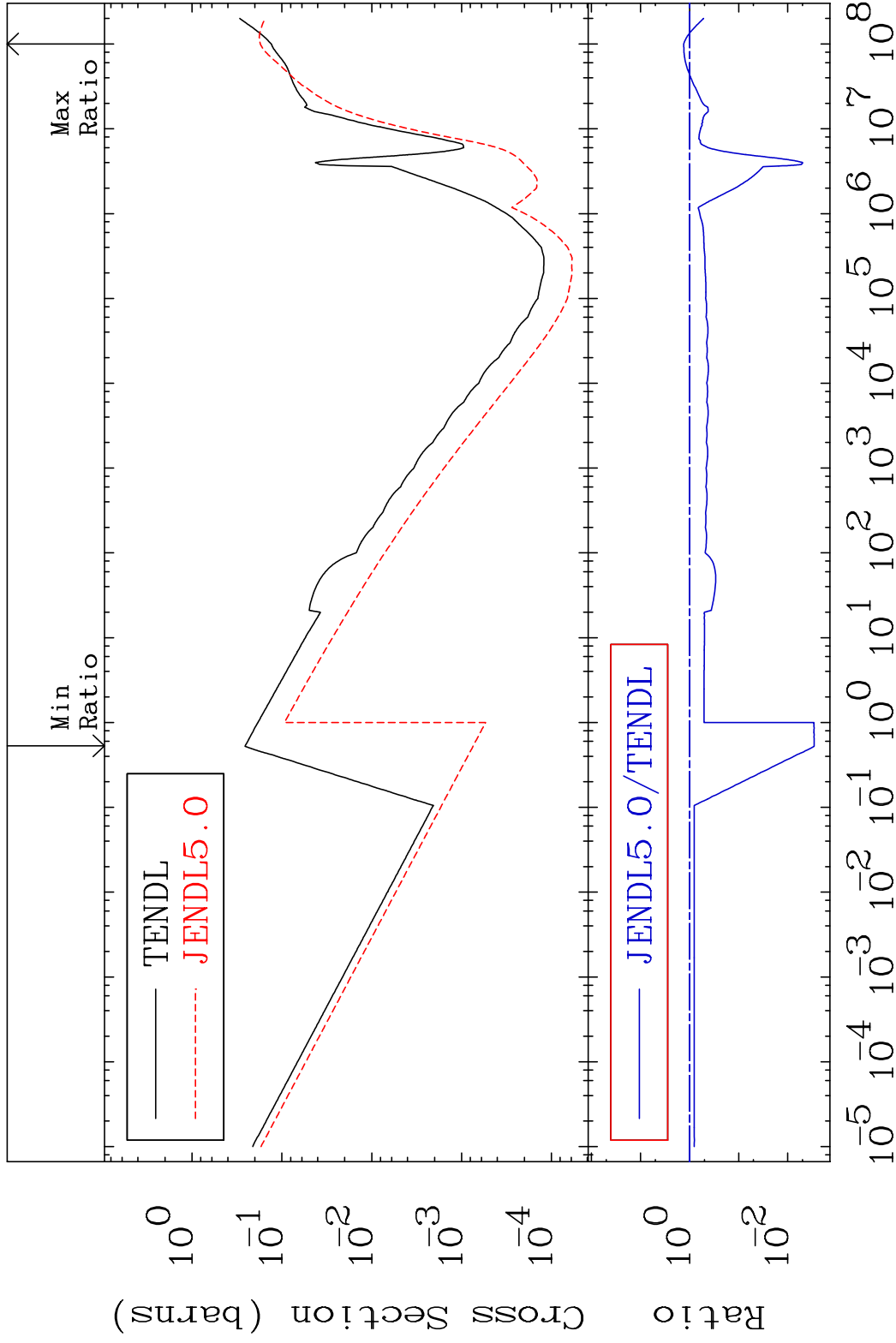
63-Eu-148

MAT 6316

He-4 Production

63-Eu-148

Cross Section -99.71 To 32.27 %

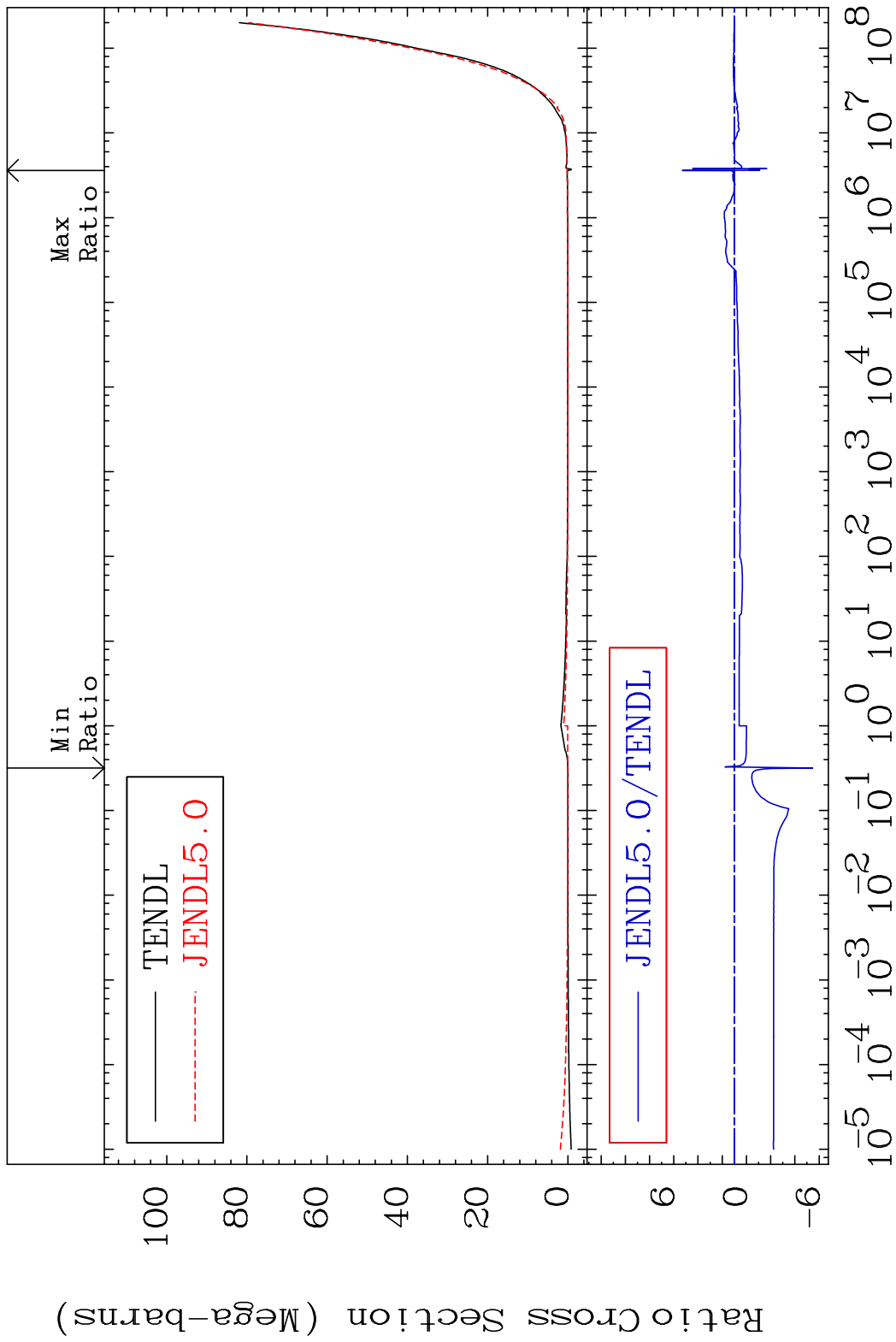


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Incident Energy (eV)

63-Eu-148

MAT 6316 Kerma total (eV-barns) 63-Eu-148
 Cross Section -645.9 To 429.1 %

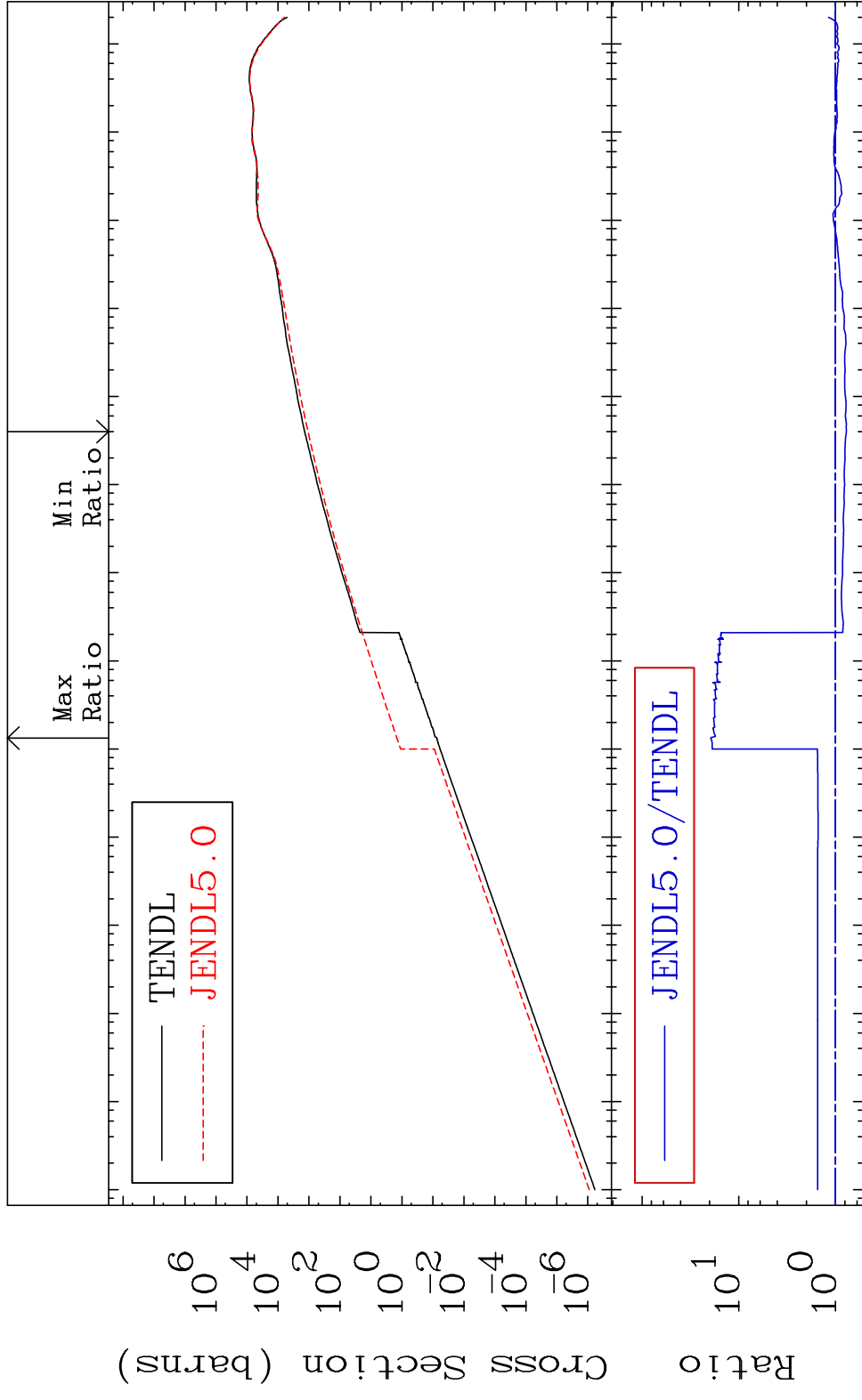


35 Incident Energy (eV) 63-Eu-148

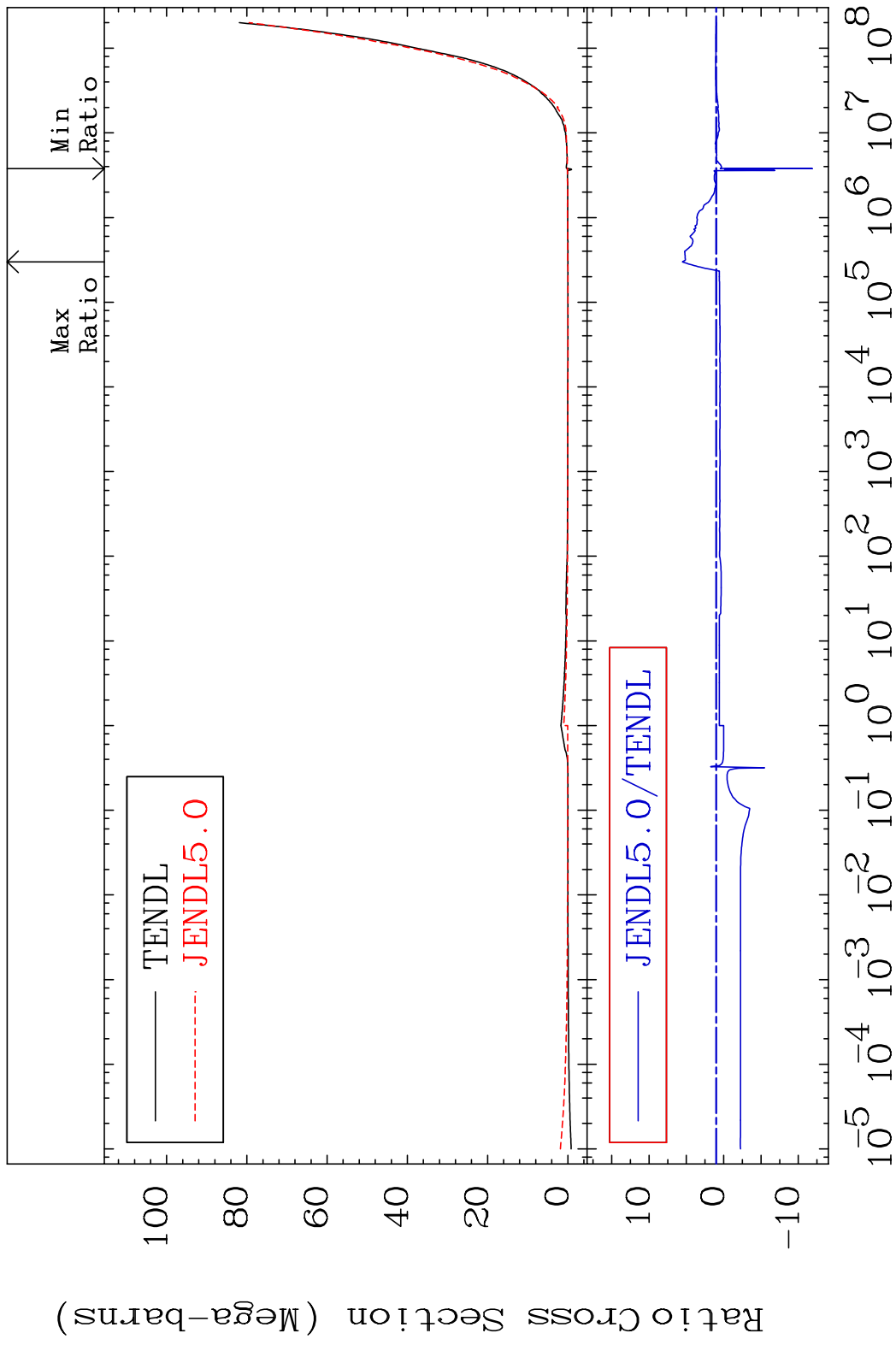
MAT 6316

Kerma elastic
Cross Section -22.64 To 1850. %

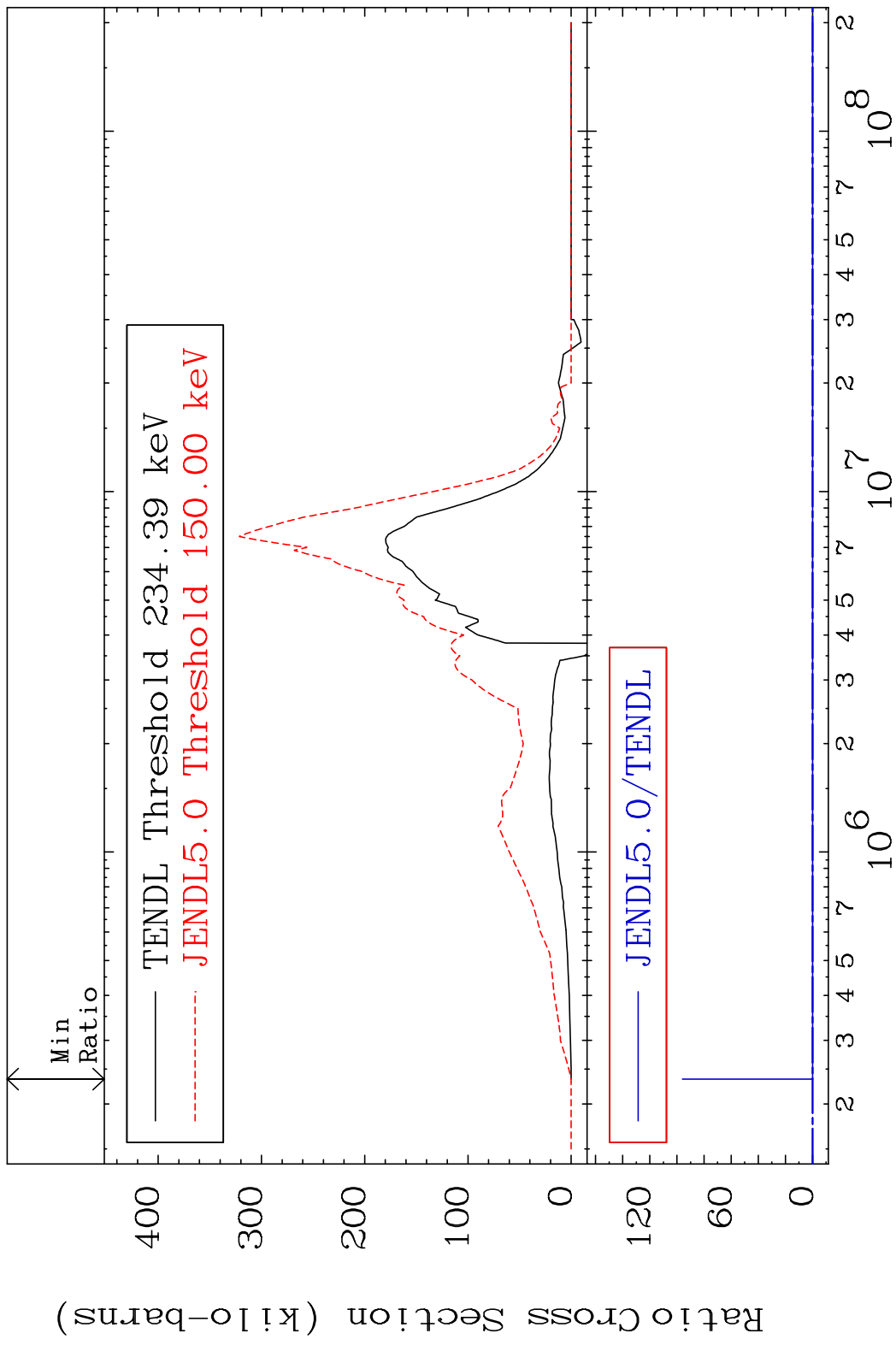
63-Eu-148



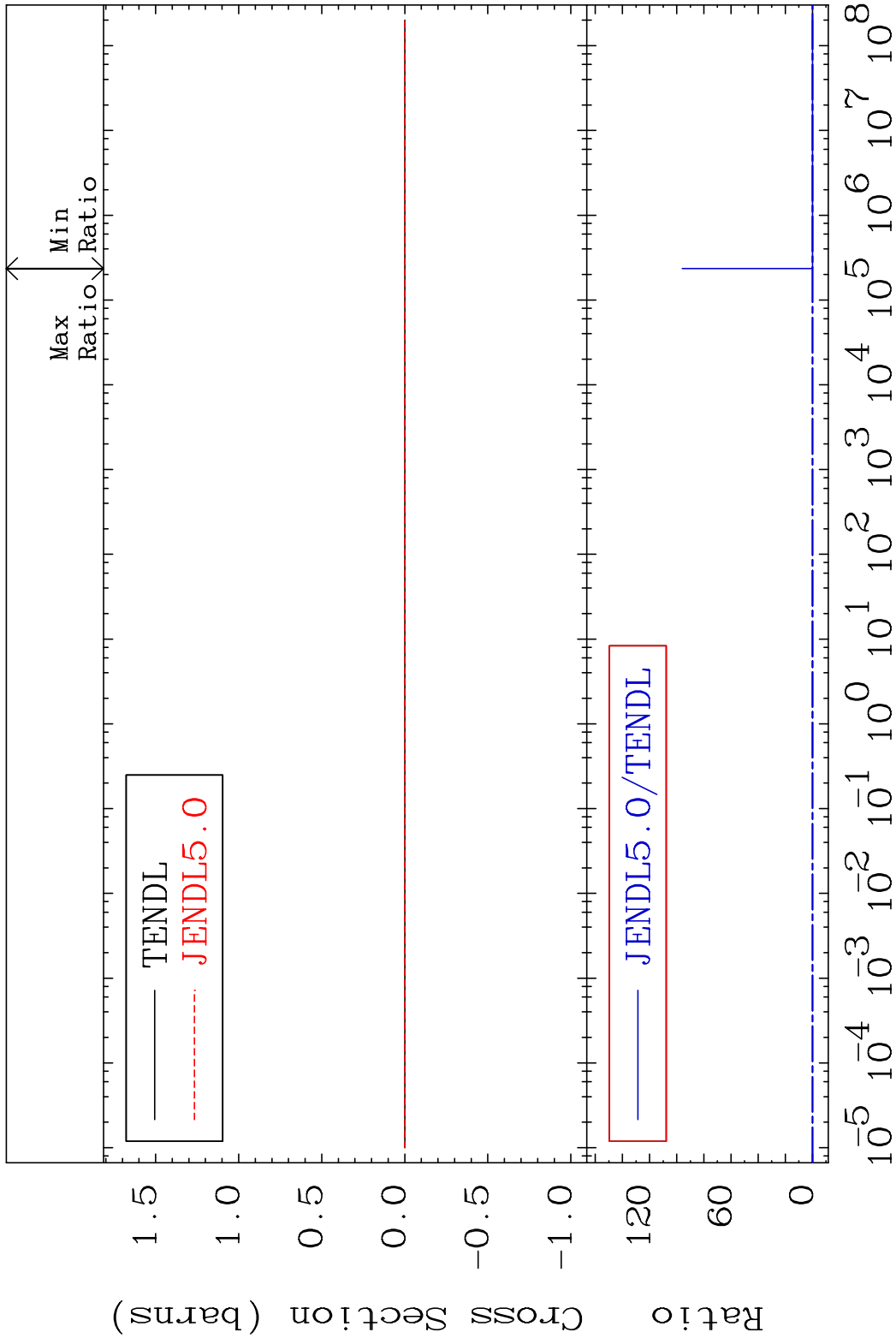
MAT 6316 Kerma non-elastic (all but mt2) 63-Eu-148
 Cross Section -1290. To 453.6 %



MAT 6316 Kerma inelastic (mt51-91) 63-Eu-148
 Cross Section -9999. To 9999. %

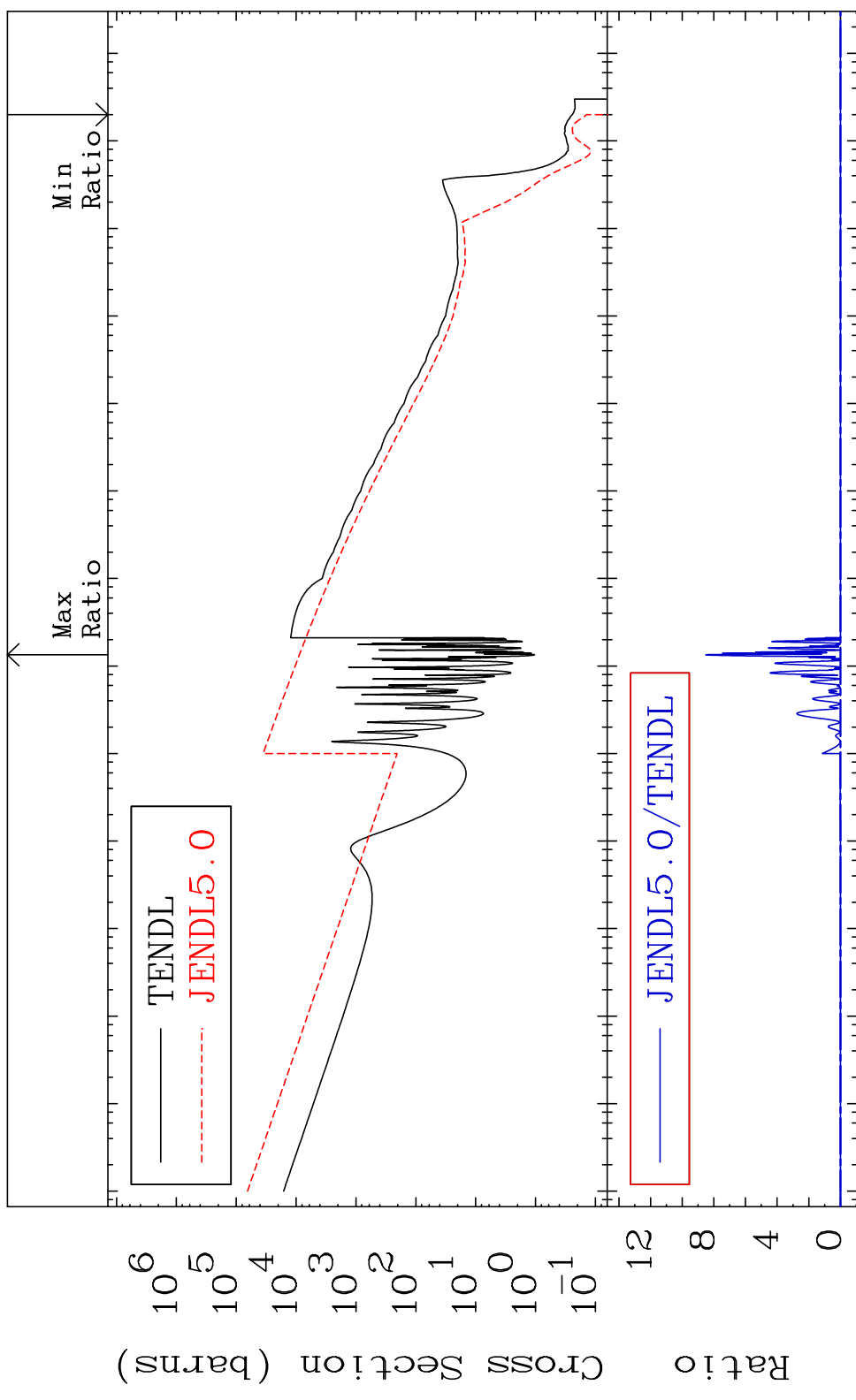


MAT 6316 Kerma fission (mt18 or mt19-20-21-38) 63-Eu-148
 Cross Section -9999. To 9999. %



MAT 6316

Kerma capture (mt102) 63-Eu-148
Cross Section -100.0 To 9999. %

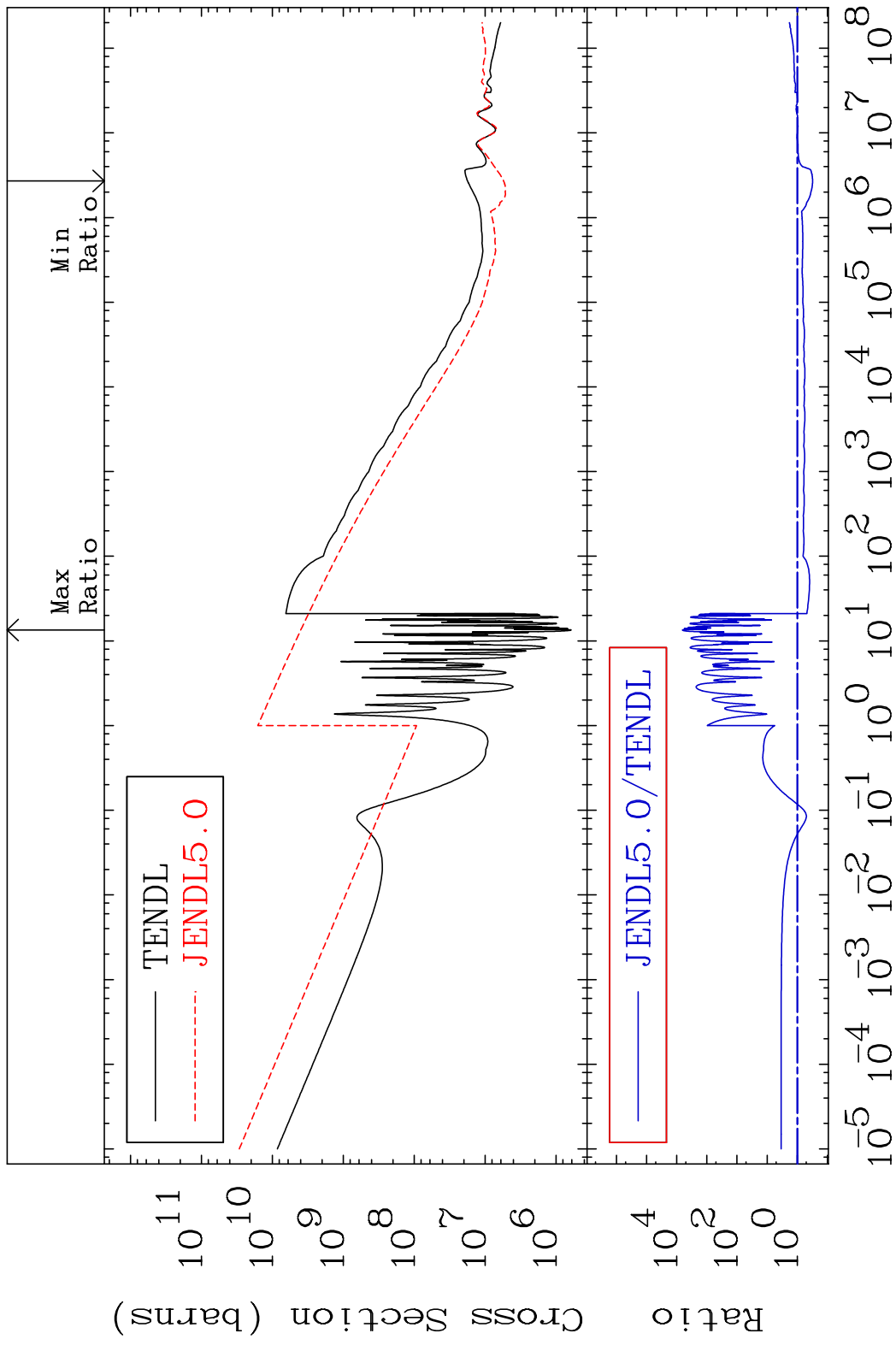


40

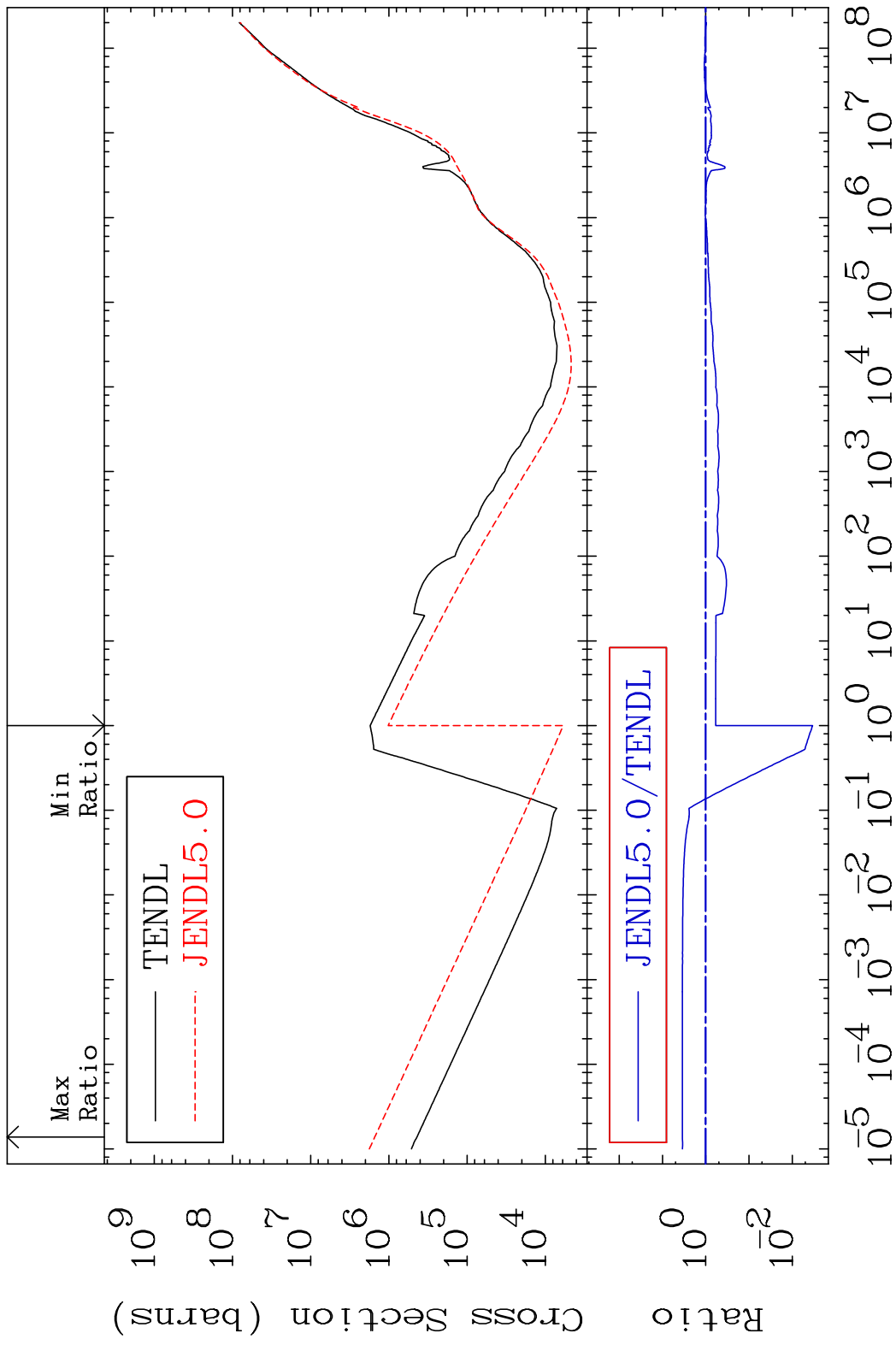
Incident Energy (eV)

63-Eu-148

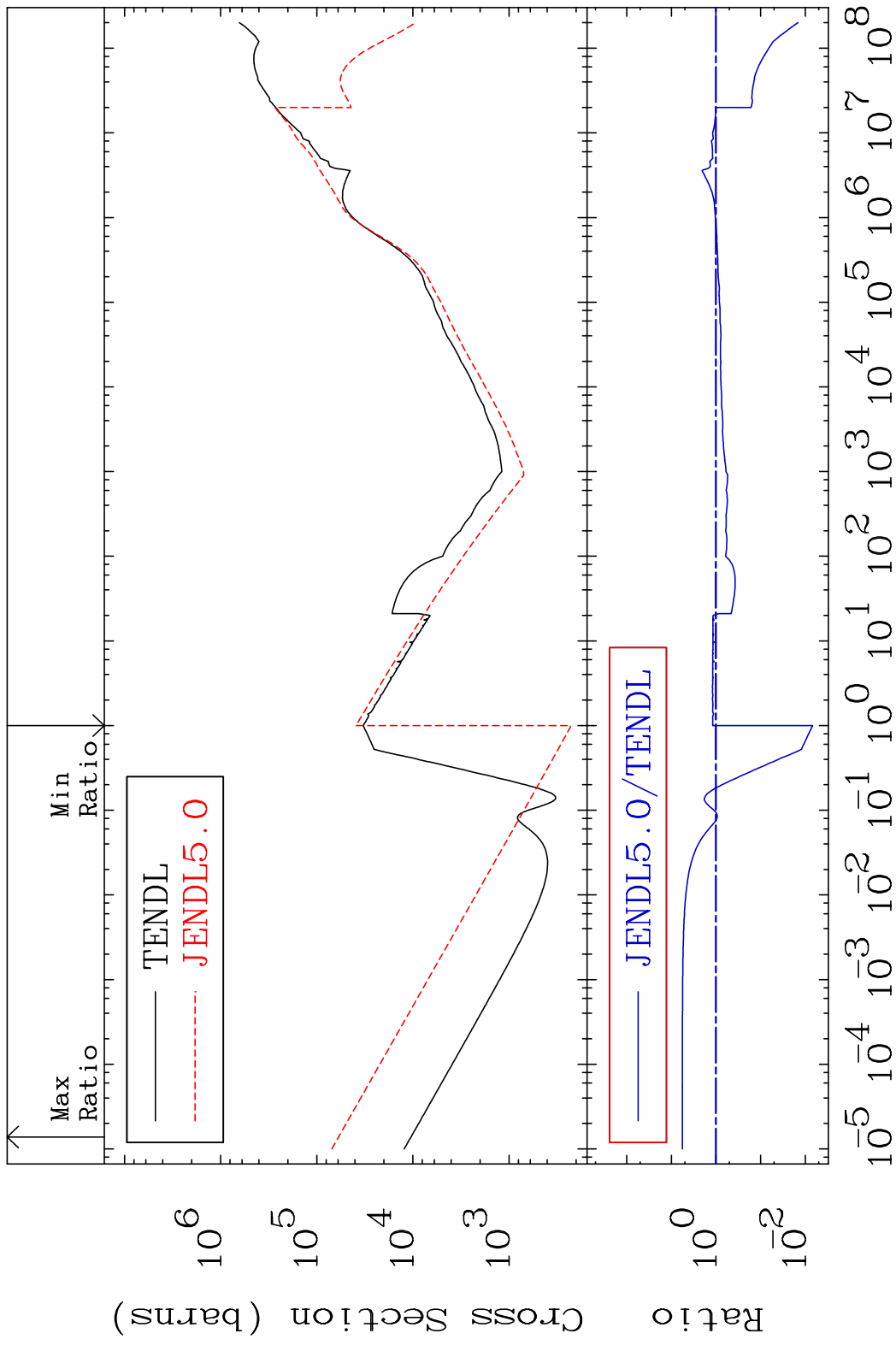
MAT 6316 Total photon (eV-barns) 63-Eu-148
 Cross Section -68.96 To 9999. %



MAT 6316 Total kinematic kerma (high limit) 63-Eu-148
 Cross Section -99.66 To 246.9 %



MAT 6316 Dpa total (eV-barns) 63-Eu-148
Cross Section -99.31 To 467.0 %



43 Incident Energy (eV) 63-Eu-148

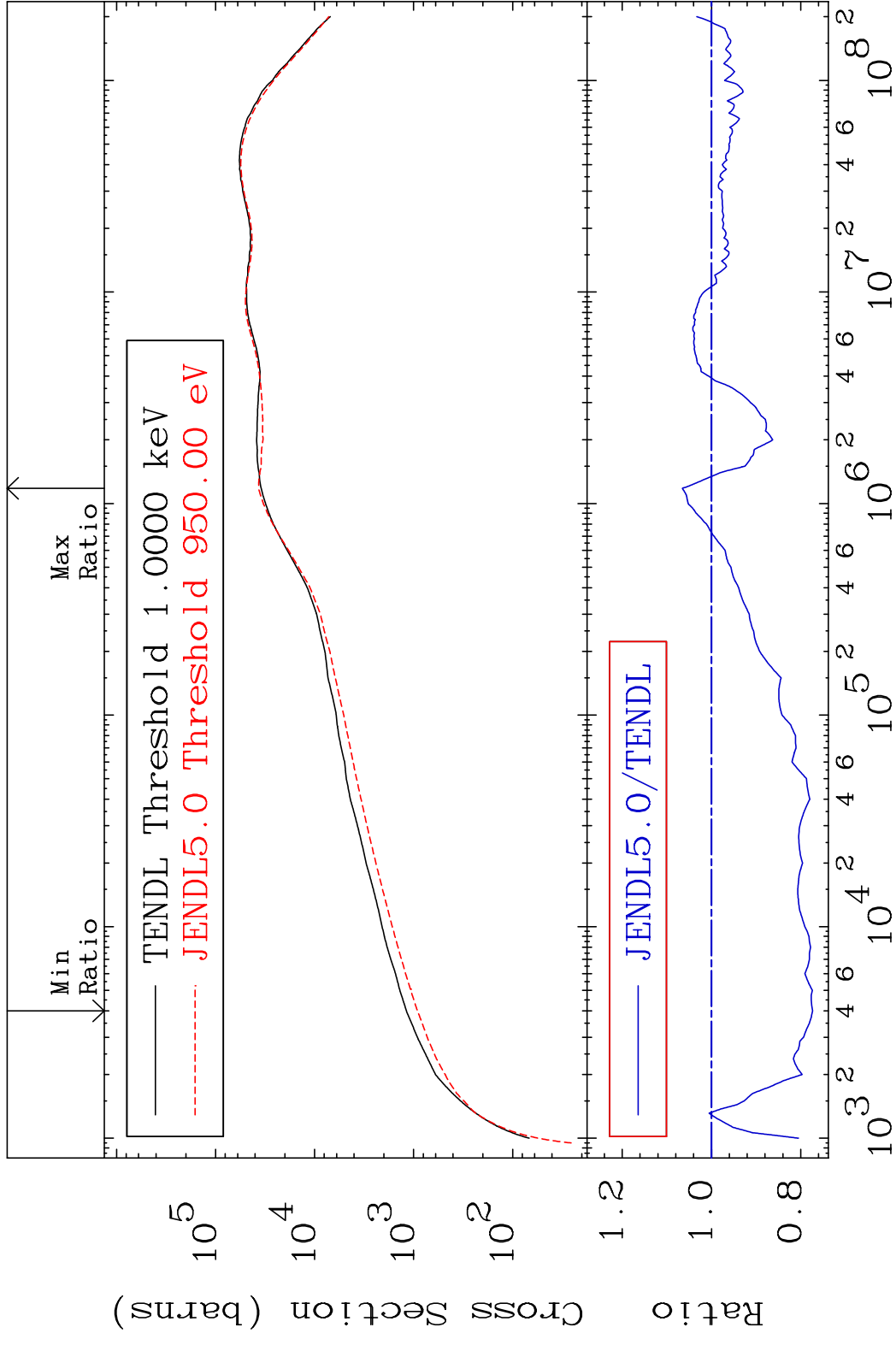
MAT 6316

Dpa elastic (mt2)

63-Eu-148

Cross Section

-22.65 To 6.526 %

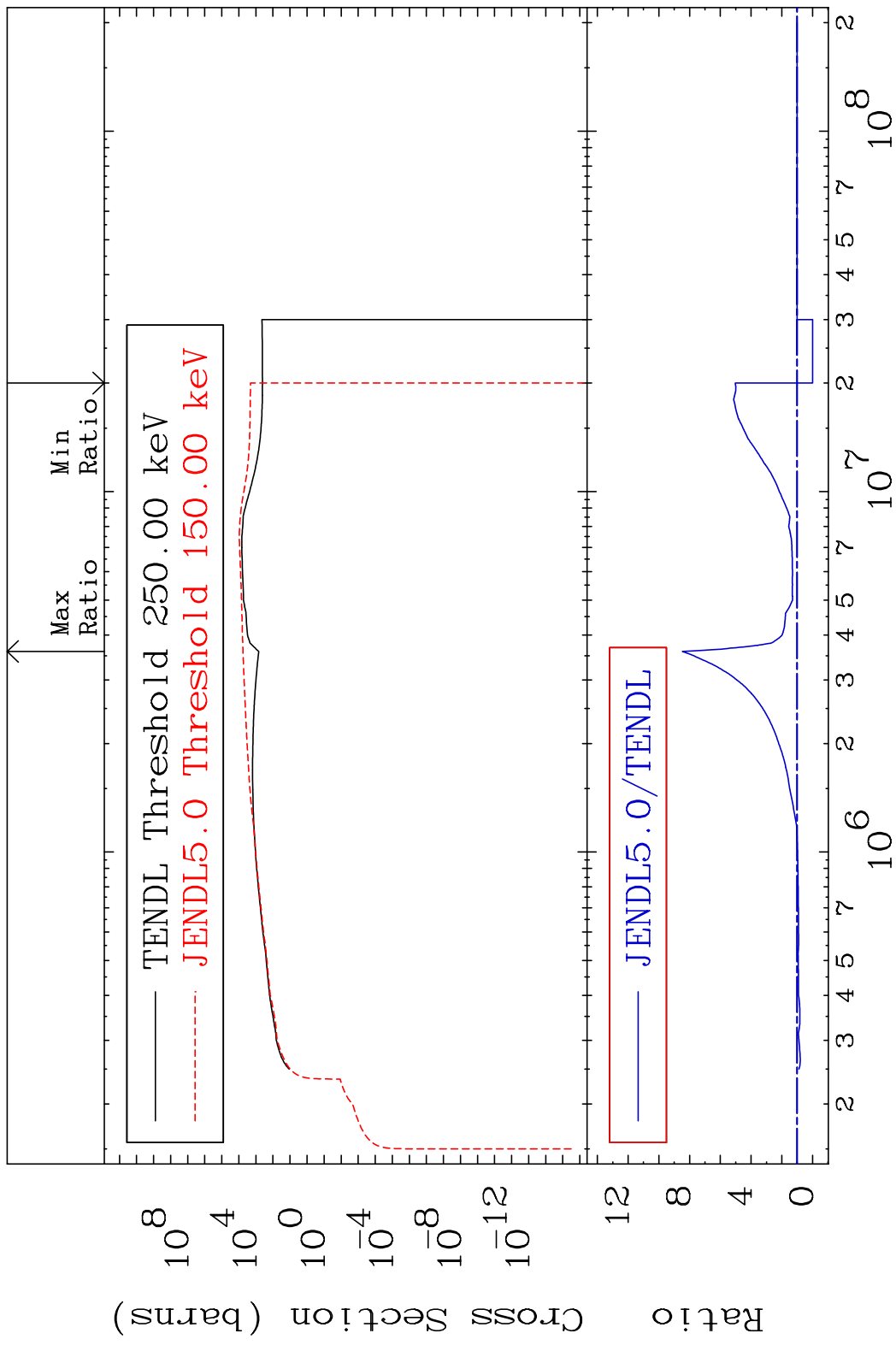


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Incident Energy (eV)

63-Eu-148

MAT 6316 Dpa inelastic (mt51-91) 63-Eu-148
 Cross Section -100.0 To 747.2 %



MAT 6316 Dpa disappearance (mt102 -120) 63-Eu-148
 Cross Section -100.0 To 467.0 %

